

R  
737  
U5s  
1974  
June

U.S. NATIONAL INSTITUTES OF HEALTH

# NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

JUNE 1974

REPORT 19M



U.S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
Public Health Service



PREPARED BY  
NATIONAL INSTITUTES OF HEALTH  
DIVISION OF RESEARCH GRANTS  
STATISTICS AND ANALYSIS BRANCH



CONTENTS

SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION	v
SUMMARY OF NEW GRANTS AND AWARDS , BY PROGRAM AND SUPPORTING INSTITUTE OR DIVISION	vii
NEW RESEARCH GRANTS , BY AREA , INSTITUTION AND PRINCIPAL INVESTIGATOR	1
NEW RESEARCH CONTRACTS , BY AREA , INSTITUTION AND PROJECT DIRECTOR	38
NEW RESEARCH TRAINING GRANTS , BY AREA , INSTITUTION AND PROGRAM DIRECTOR	68
NEW RESEARCH FELLOWSHIPS , BY AREA , INSTITUTION AND FELLOW	70
NEW RESEARCH CAREER PROGRAM AWARDS , BY AREA , INSTITUTION AND AWARDEE	107
NEW CONSTRUCTION GRANTS , BY AREA , INSTITUTION AND AUTHORIZING OFFICIAL	110
NEW MEDICAL LIBRARY GRANTS , BY AREA , INSTITUTION AND PROJECT DIRECTOR	111



SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES  
AM NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES  
CA NATIONAL CANCER INSTITUTE

CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS  
CN OFFICE OF CANCER CONTROL  
CM DIVISION OF CANCER TREATMENT  
CP DIVISION OF CANCER CAUSE AND PREVENTION  
CO OFFICE OF THE DIRECTOR

CL CLINICAL CENTER  
DE NATIONAL INSTITUTE OF DENTAL RESEARCH  
ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES  
EY NATIONAL EYE INSTITUTE  
GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES  
HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT  
HL NATIONAL HEART AND LUNG INSTITUTE

HV DIVISION OF HEART AND VASCULAR DISEASES  
HB DIVISION OF BLOOD DISEASES AND RESOURCES  
HR DIVISION OF LUNG DISEASES  
HI DIVISION OF INTRAMURAL RESEARCH

LM NATIONAL LIBRARY OF MEDICINE  
NS NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE  
OD OFFICE OF THE DIRECTOR, NIH  
RR DIVISION OF RESEARCH RESOURCES  
RS DIVISION OF RESEARCH SERVICES



INSTITUTE OR DIVISION	RESEARCH GRANTS NO.	RESEARCH CONTRACTS NO.	RESEARCH DOLLARS NO.	RESEARCH TRAINING GRANTS NO.	RESEARCH FELLOWSHIPS NO.	RESEARCH PROGRAM AWARDS NO. DOLLARS	RESEARCH CAREER PROGRAM AWARDS NO. DOLLARS	CONSTRUCTION GRANTS NO. DOLLARS	MEDICAL LIBRARY GRANTS NO. DOLLARS
AI	56	2,353,374	15	1,088,818	5	153,528	1	6,500	3
AM	21	1,499,039	15	714,953		85	994,245	6	68,530
CA	92	10,014,579	83	6,432,736	2	243,602	289,186	1	146,493
CB			1	623,163			22,250	1	3,581,092
CL			12	1,550,543					
CM			29	3,491,085					
CO			3	300,475					
CP			13	965,705					
DE	7	224,971	8	958,195			40	442,266	1
ES	1	37,296	1	395,000				23,000	
EY	9	308,951	2	120,656			5	107,300	
GM	103	3,090,028					2	24,494	
HB			13	1,102,775					
HD	24	2,517,306	22	1,811,923	2	166,648	1	8,000	
HJ			1	60,295					
HL	58	2,226,392					29	355,800	1
HR			10	679,340					
HV			1	221,975					
LM	1	89,595	18	1,093,610					
NS	13	1,177,687	16	1,183,818					
OD			1	2,400					
RR	11	395,886	2	124,477			6	123,450	
RS			1	9,000					
	406	23,935,104	267	22,930,942	9	563,778	6288,264,016	12	310,699
							1	3,581,092	10
								161,393	



NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA BIRMINGHAM SOUTHERN RESEARCH INSTITUTE HL17185-01	HARRISON, STEADMAN D, JR	ROLE OF THE LUNG IN DRUG METABOLISM AND DISPOSITION	29,099
INSTITUTION TOTAL	1		29,099
UNIVERSITY OF ALABAMA IN BIRMINGHAM AI12219-01 CA16409-01 AI11974-01	DILRANI, HUGH C, JR DURANT, JOHN R HABEEB, AHMED F	STREPTOCOCCAL EPIDEMIOLOGY & IMMUNITY CANCER CONTROL DEVELOPMENTAL GRANT DETERMINATION OF THE ANTIGENIC STRUCTURE OF LYSOZYME	32,616 788,052 21,950
INSTITUTION TOTAL	3		842,618
CITY TOTAL	4		871,717
STATE TOTAL	4		871,717
ARIZONA TUCSON UNIVERSITY OF ARIZONA GM21277-01 AI10279-01A2 HL17153-01	CUSANOVICH, MICHAEL A LUDOVICI, PETER P TAUSSIG, LYNN M	MECHANISM OF ACTION OF VERTEBRATE CYTOCHROME C PLAQUES AND TOXINS IN CELL STRUCTURE BY P. AERUGINOSA PROLONGED EFFECTS OF ACUTE RESPIRATORY ILLNESSES	20,000 18,670 30,000
INSTITUTION TOTAL	3		68,670
CITY TOTAL	3		68,670
STATE TOTAL	3		68,670
ARKANSAS FAYETTEVILLE UNIVERSITY OF ARKANSAS CA14758-01	MONEY, WILLIAM L	THE ULTIMOBRANCHIAL BODY AND THYROID TUMORS	14,450
INSTITUTION TOTAL	1		14,450
CITY TOTAL	1		14,450
LITTLE ROCK UNIVERSITY OF ARKANSAS MEDICAL CENTER CA15995-01	BERRY, DASILEE H	SOUTHWEST CANCER CHEMOTHERAPY STUDY GROUP	12,626
INSTITUTION TOTAL	1		12,626
CITY TOTAL	1		12,626

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*DOLLARS  
AWARDED

GRANT NUMBER		PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	
STATE	TOTAL			27,076	

CALIFORNIA LAKERSFIELD CALIFORNIA STATE UNIVERSITY AND COLLEGES--CALIFORNIA STATE COLLEGE, BAKERSFIELD HC08577-01		SILVERMAN, PHILIP A CROSS-CULTURAL STUDY ON THE TREATMENT OF THE AGED		51,850	
INSTITUTION	TOTAL		1	51,850	
CITY	TOTAL		1	51,850	

BERKELEY UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY CA15225-01 GM2901-01		MENDELSON, MORTIMER L VAN DILLA, MARVIN A		CANCER RADIOTHERAPY WITH 7-TRIOTETRACYCLINE FLOW SYSTEMS: CELL PREPARATION, CYTOCHEMISTRY, PATHOLOGY	
INSTITUTION	TOTAL		1	337,006	
CITY	TOTAL		2	337,006	

DAVIS UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS AI12198-01 HL17218-01 HD08658-01 DE03927-01 GM21357-01 GM21346-01 HL16559-01		CHANG, ROBERT S CHOU, CHING K GARDNER, ERNEST D HENDRICKX, ANDREW G KUSTU, SYDNEY G SCHMID, CARL W, JR ZELIS, ROBERT F		TRANSFER FACTORS FROM HUMAN LYMPHOID CELL LINES MECHANISM OF ANTI-OXIDANT PROTECTION IN LUNG DEVELOPMENTAL NEUROBIOLOGY IN PRIMATES EXPERIMENTAL STUDIES ON OROFACIAL DEVELOPMENT GENETIC STUDIES OF GLUTAMINE SYNTHETASE IN BACTERIA THE ARRANGEMENT OF REPETITIVE SEQUENCES IN HUMANS DYNAMICS OF LIPOPROTEIN STRUCTURE AND ATHEROSCLEROSIS	
INSTITUTION	TOTAL		2	363,160	
CITY	TOTAL		7	363,160	

FRESNO VETERANS ADMINISTRATION HOSPITAL CA15294-01A1		WATKINS, FRED W		PARTICIPATING MEMBER WESTERN CANCER STUDY GROUP	
INSTITUTION	TOTAL		1	6,203	
CITY	TOTAL		1	6,203	

IRVINE UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE GM21002-01		ARFIN, STUART M		tRNA SYNTHETASE FORMATION IN ANIMAL CELLS	
INSTITUTION	TOTAL		1	25,060	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1		
CALIFORNIA			
LA JOLLA	SALK INSTITUTE FOR BIOLOGICAL STUDIES BYRD, WILLIAM J WALTER, GERNOT F CA15327-01 CA15365-01A1	ISOLATION OF A T-CELL SUBSTITUTE FROM FETAL SERA CELL SURFACE PROTEINS, POLYOMA AND SV40 GENE PRODUCTS	32,519 29,250
INSTITUTION TOTAL	2	61,769	
SCRIPPS CLINIC AND RESEARCH FOUNDATION	I TO, JUNETSU PELLEGRINO, MICHELE A CA16071-01	MEMBRANE SYNTHESIS AND SPORULATION SOLUBLE HL-A ANTIGENS IN THE SERA OF CANCER PATIENTS	24,679 76,934
INSTITUTION TOTAL	2	101,613	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO	CATANZARO, ANTONINO DE VRIES, ARTHUR L FANESTIL, DARRELL D FRIEDMANN, THEODORE GRUNDY, SCOTT M HAMBURGER, ROBERT N HUTCHINS, GARY D STONER, ROBERT N	TRANSFER FACTOR EFFECT ON COURSE OF COCCIDIODIMYCOSIS SERUM GLYCOPROTEINS AS CRYOPROTECTIVE AGENTS STEROID HORMONAL EFFECTS ON RENAL CARCINOMA PROTEINS IN ONCOGENIC VIRUSES: POLYOMA AND SV40 RESEARCHES ON CAUSES AND TREATMENT OF GALLSTONES MAST CELLS AND IGE IN ALLERGY AND HELMINTHIASIS HORMONE-MEDIATED DIFFERENTIATION OF MOUSE LUNG CELLS	30,000 19,960 36,751 46,470 49,989 34,322 30,000
INSTITUTION TOTAL	7	247,492	
CITY TOTAL	11	410,874	
LOS ANGELES			
MOUNT ST. MARY'S COLLEGE	LEAHY, SISTER GERALD	REPRODUCTIVE PHYSIOLOGY	19,067
AI11664-01			
INSTITUTION TOTAL	1		19,067
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES	CLINE, MARTIN J FAHEY, JOHN L KIHARA, HAYATO SOLOMON, DAVID H	A PROGRAM IN MEDICAL ONCOLOGY BLADDER CANCER: IMMUNOTHERAPY & VIROLOGY METACHROMATIC LEUKODYSTROPHY IN CULTURED CELL SYSTEMS STUDIES ON GRAVES' DISEASE	81,741 390,906 71,449 85,437
INSTITUTION TOTAL	4	629,503	
UNIVERSITY OF SOUTHERN CALIFORNIA	HASTERLIK, ROBERT J CA16419-01	EVALUATION OF THE IMPACT OF CANCER CONTROL PROGRAMS	275,000

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

## GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS AWARDED

CALIFORNIA LOS ANGELES	UNIVERSITY OF SOUTHERN CALIFORNIA HL17706-01 DEC3929-01 GM21421-01	HENRY, JAMES P MILLS, BARBARA G SCHNEIDER, FRED W	PSYCHOSOCIAL HYPERTENSION CATECHOLAMINES AND DRUGS ROLE OF LOCAL FACTORS ON BONE IN PERIODONTAL DISEASE STABILITY OF STEADY STATES IN NUCLEIC ACID SYNTHESIS	71,375 29,500 30,500
INSTITUTION TOTAL	4		406,395	21,257
CITY TOTAL	9		1,054,965	

MENLO PARK	STANFORD RESEARCH INSTITUTE GM20082-01	DENSON, DONALD D	PREPARATION OF FLUORINATED VOLATILE ANESTHETICS	38,000
INSTITUTION TOTAL	1		21,257	18,489
CITY TOTAL	1		21,257	

PASADENA	CALIFORNIA INSTITUTE OF TECHNOLOGY GM21409-01	DEBRUCK, MAX	THE LIGHT GROWTH RESPONSE CHANNEL OF PHYCOMYCES	38,000
INSTITUTION TOTAL	1		38,000	18,489
CITY TOTAL	1		38,000	

SAN FRANCISCO	CALIFORNIA STATE UNIVERSITY AND COLLEGES--CALIFORNIA STATE UNIVERSITY, SAN FRANCISCO GM1925-01	AINSWORTH, CAMERON	NEW SYNTHESSES OF BIOLOGICAL COMPOUNDS	190,250
INSTITUTION TOTAL	1		190,250	104,083
CITY TOTAL	1		190,250	

UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO HL17707-01	BRECHER, GEORGE CARLSSON, S. ERIK MARIN, MATTHEW G MC NAMEE, JAMES E TALAL, NORMAN CA15486-01	INTERNATIONAL CONGRESS OF HEMATOLOGY THROMBOTIC COMPLICATIONS OF CATHETER ANGIOGRAPHY AUTONOMIC CONTROL OF LUNG MUCOCILIARY TRANSPORT COMPUTER MODELING OF LUNG WATER AND SOLUTE EXCHANGE CANCER AND MACROGLOBULINEMIA	15,000 37,050 30,000 30,000 78,200
INSTITUTION TOTAL	5		104,083
CITY TOTAL	7		312,822

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CALIFORNIA SANTA BARBARA SANTA BARBARA BOTANIC GARDEN GM19272-01A1	WALTERS, MARTA S	MEIOSIS: A REVISED SEQUENCE OF EVENTS IN PROPHASE	20,257
INSTITUTION TOTAL	1		20,257
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA BARBARA CA15941-01 HD05985-01A1 GM21091-01	CARBON, JOHN A PHILLIPS, LLAD PURICH, DANIEL L	STUDIES ON SIMIAN VIRUS 4C DNA CYCLES IN FERTILITY, MORTALITY & ECONOMIC CONDITIONS CAMP-STIMULATED PROTEIN KINASE: MECHANISM AND CONTROL	54,177 21,015 28,000
INSTITUTION TOTAL CITY TOTAL	3 4		103,192 123,449
TORRANCE LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL CA15587-01 CA15054-01 HL17107-01 CA15372-01	BYFIELD, JOHN E BYFIELD, PATRICIA E CASABURI, RICHARD PILCH, YOSEF H	IMMUNE SURVEILLANCE--STUDIES ON A HUMAN CANCER MODEL CELLULAR IMMUNITY & THYMIC RADIATION IN HUMAN CANCERS ROLE OF PULMONARY RECEPTORS IN RESPIRATORY CONTROL IMMUNOTHERAPY OF CANCER WITH LYMPHOID EXTRACTS	72,779 18,94 30,000 100,000
INSTITUTION TOTAL CITY TOTAL	4		221,719 221,719
STATE TOTAL	49		2,966,365
COLORADO BOULDER UNIVERSITY OF COLORADO GM21351-01 GM20767-01	HALLICK, RICHARD B MC CONKEY, EDWIN H	GENE EXPRESSION IN CELL ORGANELLES MESSENGER RNA AND DIFFERENTIATION OF ANIMAL CELLS	35,612 38,828
INSTITUTION TOTAL CITY TOTAL	2 2		74,440 74,440
DENVER DENVER HEALTH AND HOSPITALS DEPARTMENT--DENVER CA15975-01	MAJOR, FRANCIS J	GENERAL HOSPITAL GYNECOLOGIC ONCOLOGY GROUP	16,629
INSTITUTION TOTAL	1		16,629

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER PRINCIPAL INVESTIGATOR

COLORADO					
DENVER	NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER AI11742-01 AI12136-01 AI11623-01	ABEL, CARLOS A KUBO, RALPH T MAY, CHARLES D	CELL-CELL INTERACTIONS IN THE IMMUNE RESPONSE BETA 2-MICROGLOBULIN ON THE SURFACE OF LYMPHOCYTES OBJECTIVE DETECTION OF ALLERGIC REACTIONS TO FOODS	27,300 20,450 17,143	
INSTITUTION TOTAL	3			64,893	
UNIVERSITY OF COLORADO MEDICAL CENTER HL16195-01AI GM21478-01	HEINEKEN, FREDERICK G KING, DONALD W	OXYGEN EXCHANGE WITH BLOOD IN CAPILLARIES WORKSHOP IN MEMBRANE RESEARCH		30,000 37,360	
INSTITUTION TOTAL	2			67,360	
UNIVERSITY OF DENVER GM21156-01	EATON, GARETH R	INTERACTION OF SPIN LABELS WITH TRANSITION METALS		35,108	
INSTITUTION TOTAL	1			35,108	
CITY TOTAL	7			183,990	
FORT COLLINS COLORADO STATE UNIVERSITY GM21364-01 AI10739-01AI	FAHRNEY, DAVID E REEVES, FONTAINE, JR	ARGININE DEIMINASE: A MECHANISTIC ANALYSIS COMPARATIVE ISOZYME PATTERNS IN DERMATOPHYTES		42,000 13,955	
INSTITUTION TOTAL	2			55,955	
CITY TOTAL	2			55,955	
STATE TOTAL	11			314,385	
CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER GM21326-01 CA15897-01 AM18087-01 AI12225-01	CHAN, TEH-SHENG CINTI, DOMINICK L DAVIDOFF, FRANK F WARD, PETER A	SOMATIC CELL HYBRIDS FOR STUDIES OF HUMAN DISEASES ARYL HYDROCARBON HYDROXYLASE INDUCTION EFFECT OF GUANIDINE DERIVATIVES ON BIOLOGICAL SYSTEMS IMMUNOPATHOLOGY AND CLINICAL IMMUNOLOGY		38,075 34,239 38,767 302,944	
INSTITUTION TOTAL	4			414,025	
CITY TOTAL	4			414,025	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT MIDDLETOWN WESLEYAN UNIVERSITY HD07717-01	GOLD, ALICE R	FACTORS IN USE OF CONTRACEPTIVE METHODS	25,319
INSTITUTION TOTAL	1		25,319
CITY TOTAL	1		25,319

NEW HAVEN HUMAN RELATIONS AREA FILES HD08251-01	KHERA, SIGRID M	LAND INHERITANCE & BIRTH RATE AMONG EUROPEAN PEASANTS	4,330
INSTITUTION TOTAL	1		4,330
YALE UNIVERSITY HL17204-01	BERMAN, MICHAEL A	METABOLISM OF VASOACTIVE HORMONES BY NEWBORN LUNG	29,979
AI12123-01	BLACK, FRANCIS L	EPIDEMIOLOGIC RELATION OF MULTIPLE SCLEROSIS TO VIRUS	27,581
HL17147-01	EFFMANN, ERIC L	RADIOGRAPHIC STUDY OF THE DEVELOPING LUNG	30,000
AM17234-01	FORREST, JOHN N	EFFECTS OF LITHIUM ON RENAL FUNCTION	78,704
AI11633-01	GODSON, GODFREY N	DNA REPLICATION IN SMALL VIRUSES. IN VIVO/IN VITRO	28,359
GM21012-01	MAGEE, PAUL T	MUTATIONS AFFECTING RNA POLYMERASES OF MAMMALIAN CELLS	33,270
CA15485-01	MARSH, JOHN C	EASTERN COOPERATIVE ONCOLOGY GROUP	28,674
HL17124-01	ROTH, JEROME A	PULMONARY ALTERATION OF CIRCULATING MONDAMINES	29,310
INSTITUTION TOTAL	8		277,877
CITY TOTAL	9		282,207
STATE TOTAL	14		721,551

DIST OF COL WASHINGTON CATHOLIC UNIVERSITY OF AMERICA GM20378-01AI	HUNT, JOHN B	ACTIVE SITE IDENTIFICATION IN METALLOENZYMES	22,641
INSTITUTION TOTAL	1		22,641
CHILDREN'S HOSPITAL CA15566-01	NATIONAL MEDICAL CENTER LEIKIN, SANFORD L	LYMPHOCYTOTOXICITY IN NEUROBLASTOMA	9C,456
INSTITUTION TOTAL	1		90,456
GEORGETOWN UNIVERSITY CA16914-01AI	CHIRIKJIAN, JACK G	RNA MODIFYING ENZYMES IN NORMAL AND NEOPLASTIC CELLS	53,426

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

GRANT NUMBER PRINCIPAL INVESTIGATOR

DIST OF COL WASHINGTON GEORGETOWN UNIVERSITY	GALLAGHER, BRIAN B NS1126-01AI	CLINICAL AND BASIC DEVELOPMENT OF NEW ANTICONVULSANTS	139,694 252,791  252,791
INSTITUTION TOTAL CITY TOTAL	2 4		
STATE TOTAL	4		

FLORIDA GAINESVILLE STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA EY01226-01 CA15373-01 HL17121-01 CA1532-01 GM20535-01AI GM20282-01 NS11157-01AI	CALDWELL, JACQUES R CUSUMANO, CHARLES L FISHER, MARTIN J MC GUIGAN, JAMES E STEIN, GARY S VAN RINSVELT, HENRI A YOST, WILLIAM A	ROLE OF COMPLEMENT IN KERATITIS ROLE OF CIRCULATING IMMUNE COMPLEXES IN HUMAN CANCER ANTIPAPAIN AND ITS RELATION TO EXPERIMENTAL EMPHYSEMA CANCER OF THE ENDOCRINE PANCREAS CONTROL OF GENE EXPRESSION BY ACIDIC NUCLEAR PROTEINS TRACE ELEMENT DETECTION BY ION INDUCED X-RAYS INTERACTION OF INTERAURAL TIME (PHASE) AND INTENSITY	15,056 70,000 30,000 13,614 21,000 30,108 36,146
INSTITUTION TOTAL CITY TOTAL	7 7		215,924 215,924

MIAMI PAPANICOLAOU CANCER RESEARCH INSTITUTE AI12033-01	AHMAD, FAZAL	FATTY ACID METABOLISM IN PROPIONIC ACID BACTERIA	14,310
INSTITUTION TOTAL	1		
UNIVERSITY OF MIAMI GM21363-01 AI12170-01 GM21258-01	BREW, KEITH GREER, SHELDON B MARSHALL, JAMES J	CHEMICAL STUDIES OF ENZYMES AND PROTEINS THERAPY OF HERPES INFECTIONS: 5-HALO-CDR + THU SYNTHETIC GLYCOPROTEINS	62,000 52,284 25,000
INSTITUTION TOTAL CITY TOTAL	3 4		139,284 153,594

TALLAHASSEE STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY GM21728-01	STEPHAN, FRIEDRICH K	NEURAL CONTROL OF CIRCADIAN RHYTHMS IN BEHAVIOR	16,796 16,796
INSTITUTION TOTAL CITY TOTAL	1 1		

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS *	DOLLARS AWARDED
FLORIDA TAMPA STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF SOUTH FLORIDA HL17106-01	KRZANOWSKI, JOSEPH J	INTERACTION OF CYCLIC NUCLEOTIDES IN PULMONARY TISSUE	29,946	
INSTITUTION TOTAL	1		29,946	
CITY TOTAL	1		29,946	
VERO BEACH FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES--FLORIDA MEDICAL ENTOMOLOGY LABORATORY AI11921-01	BIDLINGMAYER, WILLIAM L	MOSQUITO FLIGHT PATHS IN RELATION TO THE ENVIRONMENT	35,028	35,028
INSTITUTION TOTAL	1		35,028	
CITY TOTAL	1		35,028	
STATE TOTAL	14		451,288	
GEORGIA ATLANTA EMORY UNIVERSITY GM20361-01	SMITH, P DENNIS	RECOMBINATION PROFICIENCY IN DROSOPHILA MELANOGLASTER	17,594	17,594
INSTITUTION TOTAL	1		17,594	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY LMO2211-01	SLAMECKA, VLADIMIR	EXTENDED UTILIZATION OF BIOMEDICAL INFORMATION	89,595	89,595
INSTITUTION TOTAL	1		89,595	
CITY TOTAL	2		107,189	
STATE TOTAL	2		107,189	
HAWAII HONOLULU UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA GM18740-01A2 AM17336-01	KIEFER, EDGAR F STEVENS, ERNEST D	THE STRUCTURE AND MODE OF ACTION OF COMPOUND 48/80 MECHANISM OF HEAT PRODUCTION DURING COLD ADAPTATION	24,669 15,843	
INSTITUTION TOTAL	2		40,512	
CITY TOTAL	2		40,512	
STATE TOTAL	2		40,512	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

## PRINCIPAL INVESTIGATOR

## TITLE OF RESEARCH PROPOSAL

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IDAH0 MOSCOW UNIVERSITY OF IDAHO HD08288-01	STALLKNECHT, GILBERT F	ASSAY OF POTATO TUBER METABOLITES FOR TERATOGENICITY	76,769
INSTITUTION TOTAL	1		76,769
CITY TOTAL	1		76,769
STATE TOTAL	1		76,769

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHICAGO MEDICAL SCHOOL/UNIVERSITY OF HEALTH SCIENCES NS12041-01	TABAOKOFF, BORIS	BIOGENIC ALDEHYDES - A ROLE IN CNS FUNCTION	37,124
INSTITUTION TOTAL	1		37,124
ILLINOIS STATE DEPARTMENT OF MENTAL HEALTH--ILLINOIS STATE PSYCHIATRIC INSTITUTE HD08265-01	KARRER, RATHÉ	ANALYSIS OF RESPONSE SPEED IN MENTAL RETARDATION	21,807
INSTITUTION TOTAL	1		21,807
NORTHWESTERN UNIVERSITY CA15145-01 DE03934-01 CA16954-01 AI12085-01 GM20050-01	BREWER, JOHN I FARBMAN, ALBERT I HOLLENBERG, PAUL F HSU, CLEMENT C MIEYAL, JOHN J	CANCER CENTER SUPPORT GRANT DIFFERENTIATION OF ORAL EPITHELIUM HEMOPROTEIN-CATALYZED OXYGENATIONS OF CARCINOGENS ALTERATIONS OF IMMUNE RESPONSES DURING PREGNANCY HEMOPROTEIN - DRUG INTERACTIONS: ROLE IN METABOLISM	327,956
INSTITUTION TOTAL	5		504,211
UNIVERSITY OF CHICAGO AM17310-01 GM20869-01 AI11085-01 AI12235-01 AM17046-01 CA16401-01	DE GROOT, LESLIE J LEVI SETTI, RICCARDO REILLY, RICHARD W ROWLEY, DONALD A STEINER, DONALD F ULTMANN, JOHN E	THYROGLOBULIN mRNA: ISOLATION AND CHARACTERIZATION EXPERIMENTAL 100 KEV PROTON SCANNING MICROSCOPE ENTEROTOXIC INTERACTION WITH EPITHELIAL CELLS IN VITRO ANTIBODY DEPENDENT CELL MEDIATED CYTOTOXICITY DIABETES ENDOCRINOLOGY CENTER UNIVERSITY OF CHICAGO CANCER CONTROL CENTER	35,313 35,106 80,000 47,916 266,819 276,750
INSTITUTION TOTAL	6		741,904
CITY TOTAL	13		1,305,046

DE KALB  
NORTHERN ILLINOIS UNIVERSITY  
HD07054-01

DEVELOPMENTAL ASPECTS OF PASSIVE AVOIDANCE LEARNING  
12,181

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

## GRANT NUMBER

## PRINCIPAL INVESTIGATOR

DOLLARS  
AWARDED

INSTITUTION TOTAL 1 12,081  
CITY TOTAL 1 12,081

ILLINOIS  
EVANSTON  
NORTHWESTERN UNIVERSITY  
AI12001-01 MARGOLIAS, EMANUEL

INSTITUTION TOTAL 1 35,176  
CITY TOTAL 1 35,176

URBANA  
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA  
GM21161-01 GUNSALUS, IRWIN C  
ANTIGENICITY OF GLOBULAR PROTEINS

INSTITUTION TOTAL 1 59,546  
CITY TOTAL 1 59,546  
STATE TOTAL 16 1,411,849

INDIANA  
BLOOMINGTON  
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT BLOOMINGTON  
GM21029-01 STARR, RICHARD C  
CONTROL OF CELLULAR DIFFERENTIATION

INSTITUTION TOTAL 1 19,277  
CITY TOTAL 1 19,277

INDIANAPOLIS  
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS  
AI12078-01 OLSON, LLOYD C  
AI12087-01 SAWYER, WILLIAM D  
ARBOVIRUS REPLICATION IN MOSQUITO CELL CULTURES  
PATHOBIOLOGY OF GONOCOCCAL INFECTION

INSTITUTION TOTAL 2 80,196  
CITY TOTAL 2 80,196

LAFAYETTE  
PURDUE UNIVERSITY  
CA14650-01A1 DAS, GOPAL D

EXPERIMENTAL BRAIN TUMORS : DEVELOPMENTAL STUDIES

26,555

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

## PRINCIPAL INVESTIGATOR

DOLLARS  
AWARDED

200,159

## GRANT NUMBER

INDIANA

LAFAYETTE

PURDUE UNIVERSITY

GM21211-01

MC LAUGHLIN, JERRY L

CACTI AS DRUGS OF ABUSE

INSTITUTION TOTAL 2 46,714

CITY TOTAL 2 46,714

## TERRE HAUTE

INDIANA STATE UNIVERSITY

NS11284-01A1

BARNES, CHARLES D

DRUG EFFECTS ON VESTIBULAR NEURONES

INSTITUTION TOTAL 1 36,741

CITY TOTAL 1 36,741

STATE TOTAL 6 182,928

## IOWA

IOWA CITY

UNIVERSITY OF IOWA

CA15594-01

DE GOWIN, RICHARD L

AI11794-01

DONTA, SAM T

AI11796-01

FELDBUSH, THOMAS L

EFFECTS OF RADIATION ON REPLICATING ENDOTHELIAL CELLS

ISOLATION AND STUDY OF E. COLI ENTEROTOXINS

IMMUNOLOGIC MEMORY IN THE TGA IMMUNE SYSTEM

INSTITUTION TOTAL 3 108,337

CITY TOTAL 3 108,337

STATE TOTAL 3 108,337

## KANSAS

LAWRENCE

UNIVERSITY OF KANSAS

GM19627-01A2

COOKE, PETER H

LEE, BYUNGKOOK

CONTRACTILE MECHANISM OF VERTEBRATE SMOOTH MUSCLE

CRYSTALLOGRAPHIC STUDIES ON THE ENZYME L-ASPARAGINASE

INSTITUTION TOTAL 2 48,184

CITY TOTAL 2 43,184

STATE TOTAL 2 48,184

## LOUISIANA

BATON ROUGE

LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY AT BATON ROUGE

GM21311-01

HOOK, KENDALL N

31,610

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER

## PRINCIPAL INVESTIGATOR

INSTITUTION TOTAL	1	
CITY TOTAL	1	

## LOUISIANA

## MONROE

## NORTHEAST LOUISIANA UNIVERSITY

GAUTHEN, SALLY E

PURIFICATION OF COCAINEESTERASE AND ATROPINESTERASE  
20,149

## INSTITUTION TOTAL

1

## CITY TOTAL

1

## INSTITUTION TOTAL

1

## CITY TOTAL

1

## INSTITUTION TOTAL

2

## CITY TOTAL

2

## STATE TOTAL

4

## NEW ORLEANS

## LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS

NS11647-01	BERLIN, CHARLES I	PERIPHERAL AND CENTRAL AUDITORY MECHANISMS
AI11907-01	WILSON, LAWRENCE A	IMMUNOBIOCHEMICAL STUDIES OF TRANSPLANTATION ANTIGENS

## INSTITUTION TOTAL

2

## CITY TOTAL

2

## STATE TOTAL

4

## MAINE

## BAR HARBOR

## JACKSON LABORATORY

## GM20919-01

## AI11757-01

## AM17631-01

EICHER, EVA M	EICHER, EVA M	CYTOGENETICS
HARRISON, DAVID E	HARRISON, DAVID E	DECLINE OF IMMUNE RESPONSE WITH AGE
LEITER, EDWARD H	LEITER, EDWARD H	GENETIC CONTROL OF HYPERPLASIA IN THE ENDOCRINE PANCREAS

## INSTITUTION TOTAL

3

## CITY TOTAL

3

## STATE TOTAL

3

## MARYLAND

## BALTIMORE

## JOHNS HOPKINS UNIVERSITY

## HD06955-01AI

## AI12017-01

## INSTITUTION TOTAL

2

## CITY TOTAL

3

## STATE TOTAL

3

31,903	EPIDEMIOLOGICAL STUDIES ON IUD RETENTION
31,714	RABIES-PATHOGENESIS, INTERFERENCE, ABORTIVE INFECTION

NIH  
RESEARCH GRANTS \*

## GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

MARYLAND	BALTIMORE	UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS	ANTIMICROBIAL ACTIVATION OF MACROPHAGES	32,697
	AI12125-01	MIDDLEBROOK, GARDNER	THE ROLE OF LYSOPHOSPHATIDES IN CELL INJURY	40,405
	GM21396-01	NEPTUNE, EDGAR M., JR	HISTOCHEMICAL CHANGES IN EXPERIMENTAL CATARACTS	24,365
	EY01292-01	RICHARDS, RICHARD D	DENTAL RESINS WITH MONOMERS EXPANDING ON POLYMERIZATION	35,755
	DE03869-01	THOMPSON, VAN P	EFFECTS OF ANTICONVULSANTS ON MIGRAINEURON DEVELOPMENT	58,923
	NS12043-01	WEHMAN, HENRY J		
INSTITUTION TOTAL		5		191,740
CITY TOTAL		7		255,357

COLLEGE PARK	UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS	NS11518-01	THE ROLE OF ELASTOLYSIS DURING LOCOMOTION	66,918
	ZAJAC, FELIX E, III			
INSTITUTION TOTAL		1		66,918
CITY TOTAL		1		66,918
STATE TOTAL		8		322,275

MASSACHUSETTS	BOSTON	UNIVERSITY OF MASSACHUSETTS	CELL CYCLE STUDIES OF HEMATOPOIETIC PROGENITOR CELLS .	39,089
	BOSTON UNIVERSITY	MONETTE, FRANCIS C	THE ROLE OF ELASTOLYSIS IN EMPHYSEMA	30,000
	AM17735-01	STONE, PHILLIP J		
	HL17187-01			
INSTITUTION TOTAL		2		69,089
CHILDREN'S CANCER RESEARCH FOUNDATION	FRECHETTE, ALFRED L		CANCER CONTROL DEVELOPMENTAL GRANT	790,102
CA16408-01				
INSTITUTION TOTAL		1		790,102
CHILDREN'S HOSPITAL MEDICAL CENTER	HAUSCHKA, PETER V		ELASTIN SYNTHESIS BY CULTURED LUNG CELLS	29,986
HL17184-01				
INSTITUTION TOTAL		1		29,986
FORSYTH DENTAL CENTER	HAY, DONALD I		TOOTH-SALIVA INTERFACE PHENOMENA AND DENTAL CARIES	85,968
DE03915-01	SMITH, DAVID M		ANIMAL RESOURCE IMPROVEMENT	30,475
RR00818-01				
INSTITUTION TOTAL		2		116,441

NIH  
RESEARCH GRANTS \*

## PRINCIPAL INVESTIGATOR

## TITLE OF RESEARCH PROPOSAL

DOLLARS  
AWARDED

MASSACHUSETTS	BOSTON HARVARD UNIVERSITY	CERNY, JAN GOLDSTEIN, RICHARD N LIN, EDMUND C THOMAS, CHARLES A, JR	IMMUNOCOMPETENT CELLS IN EXPERIMENTAL LEUKEMIA INTERACTIONS OF SATELLITE PHAGE P4 AND ITS HELPER, P2 GLYCEROL TRANSPORT AND METABOLISM IN TUMOR CELLS MOLECULAR CYTOGENETICS OF LAMPBRUSH CHROMOSOMES	70,134 47,530 59,973 43,560
	INSTITUTION TOTAL	4	221,217	
MASSACHUSETTS	GENERAL HOSPITAL	AREES, EDWARD A HALES, CHARLES A PROFFITT, MAX R	DEVELOPMENT OF OPTIC PATHWAY DURING EMBRYOGENESIS CONTROL OF HYPOXIC PULMONARY VASOCONSTRICTION AUTOIMMUNITY AND VIRUS-INDUCED LEUKEMIA	34,450 29,850 51,497
	INSTITUTION TOTAL	3	115,797	
PETER BENT BRIGHAM HOSPITAL	POLET, HERMAN WELLMAN, JAMES J		THE MIXED LYMPHOCYTE CULTURE AND KIDNEY GRAFT SURVIVAL SITE OF AIRWAY OBSTRUCTION REVERSED BY DEEP INSPIRATION	21,636 30,000
	INSTITUTION TOTAL	2	51,636	
TUFTS UNIVERSITY	DRYSDALE, JAMES W HADDAD, ABRAHAM W		CARCINOFETAL HUMAN ISOFERRITINS QUANTITATIVE ELECTROSURGERY AND RELATED HISTOPATHOLOGY	78,316 7,500
	INSTITUTION TOTAL	2	85,816	
	CITY TOTAL	17	1,480,084	
CAMBRIDGE	HARVARD UNIVERSITY	ELGIN, SARAH C PTASHNE, MARK S STRUMINGER, JACK L	NONHISTONE CHROMOSOMAL PROTEINS MOLECULAR MECHANISM OF CONTROL OF GENE FUNCTION STRUCTURAL & BIOSYNTHETIC STUDIES OF HL-A DETERMINANTS	36,353 28,663 71,085
	INSTITUTION TOTAL	3	136,101	
MASSACHUSETTS	INSTITUTE OF TECHNOLOGY	SCHERER, PETER W STANBURY, JOHN B	FLOW IN COLLAPSIBLE MODEL ALVEOLAR CAPILLARY NETWORKS GOITER AND RETARDATION IN ECUADOR AND PERU	29,C35 30,338
	INSTITUTION TOTAL	2	59,373	
	CITY TOTAL	5	195,474	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS NORTON WHEATON COLLEGE GM20533-01	UREY, JOHN C	NADASE AND THE LIFE CYCLE OF NEUROSPORA	12,599
INSTITUTION TOTAL CITY TOTAL	1 1		12,599 12,599
SHREWSBURY WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY CA16895-01	GREENBERG, JAY R	MESSANGER RNA SYNTHESIS AND TURNOVER IN TUMOR CELLS	38,833
INSTITUTION TOTAL CITY TOTAL	1 1		38,833 38,833
WALTHAM BRANDEIS UNIVERSITY EY01476-01 GM21040-01	LISMAN, JOHN E STEPHENSON, RAYMOND E	ADAPTATION IN INVERTEBRATE PHOTORECEPTORS MICROTUBULE SUBSTRUCTURE	32,227 20,549
INSTITUTION TOTAL CITY TOTAL	2 2		52,776 52,776
WILLIAMSTOWN WILLIAMS COLLEGE GM20676-01	STUBBE, JOANNE	ANALOGS OF PHOSPHOENOLPYRUVIC ACID	6,805
INSTITUTION TOTAL CITY TOTAL	1 1		6,805 6,805
WORCESTER UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AI12467-01 GM21420-01 HL16952-01	BRATT, MICHAEL A CLARK, RICHARD B MAJNU, GUIDO	TRANSCRIPTION & TRANSLATION OF NMD RNA CYCLIC AMP REGULATION CARDIOVASCULAR PATHOLOGY	98,454 15,500 43,000
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	3 3 3C		156,954 156,954 1,943,525

NIH  
RESEARCH GRANTS \*

## GRANT NUMBER PRINCIPAL INVESTIGATOR

MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN GM20296-01 GM20903-01	DOUTHIT, HARRY A., JR SING, CHARLES F	POLYRIBOSOMES IN BACTERIAL SPORES GENETIC UNIT OF SELECTION	18,439 15,998
INSTITUTION TOTAL CITY TOTAL	2 2		34,437 34,437

## TITLE OF RESEARCH PROPOSAL

DETROIT MICHIGAN CANCER FOUNDATION GM21151-01	CHLADEK, STANISLAW	RECOGNITION OF NORMAL AND NEOPLASTIC tRNA BY RIBOSOMES	21,900
INSTITUTION TOTAL CITY TOTAL	1 1		21,900

WAYNE STATE UNIVERSITY AI11973-01 GM2128-01 CA15874-01	ATASSI, M ZOUHAIR JGLICK, JOSEPH D SCHAAP, A PAUL	DETERMINATION OF THE ANTIGENIC STRUCTURE OF LYSOZYME GENETICS OF DIFFERENTIATION IN CAULOBACTER ENZYMATICALLY GENERATED SINGLET OXYGEN IN CARCINOGENESIS	20,740 14,600 30,897
INSTITUTION TOTAL CITY TOTAL	3 4		66,237 88,137

EAST LANSING MICHIGAN STATE UNIVERSITY GM20716-01A1 AM18062-01	SUELTER, CLARENCE H VALENTEA, LOBOVIR J	COMPARATIVE ENZYMOLOGY OF NORMAL AND ABNORMAL TISSUE THYROGLOBULIN STRUCTURE AND THYROID HORMONE SYNTHESIS	18,000 17,100
INSTITUTION TOTAL CITY TOTAL	2 2		35,100 35,100

MARQUETTE NORTHERN MICHIGAN UNIVERSITY GM20494-01A1	SMITH, TEMPLE F	DETAILED LAC OPERATOR FUNCTIONAL CHARACTERIZATION	23,484
INSTITUTION TOTAL CITY TOTAL	1 1		23,484 23,484
STATE TOTAL	9		181,158

MINNESOTA DULUTH UNIVERSITY OF MINNESOTA HL17174-01	JACOBS, ALICE	CELLULAR INTERACTIONS IN LUNG RESISTANCE TO INFECTION	29,999
* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS			

NIH  
RESEARCH GRANTS \*DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER PRINCIPAL INVESTIGATOR

INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL	INSTITUTION TOTAL	CITY TOTAL
MINNESOTA		HENNEPIN COUNTY GENERAL HOSPITAL		LUNG ALLOTRANSPLANTATION															
MINNEAPOLIS		HL15246-01A2		HL15496-01															
INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	8	INSTITUTION TOTAL	8	INSTITUTION TOTAL	3	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1
CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	9	CITY TOTAL	9	CITY TOTAL	9	CITY TOTAL	3	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1
UNIVERSITY OF MINNESOTA		ANDERSON, PAUL M		CARBAMYL PHOSPHATE SYNTHETASE: KINETICS AND BINDING															
GM21392-01		BRYANT, ROBERT G		CHEMISTRY OF METAL ION-PROTEIN INTERACTIONS															
GM21335-01		CRADOCK, PHILIP R		LEUKEMIA CHEMOTHERAPY AND NEUTROPHIL DYSFUNCTION															
CA15627-01		DOUGLAS, STEVEN D		MORPHODYNAMICS OF HUMAN LYMPHOCTES AND MONOCYTES															
AI12478-01		EDSTROM, RONALD D		NORMAL AND LEUKEMIC LYMPHOCTYE SURFACE GLYCOPROTEINS															
CA14351-01A1		HUNTLEY, THOMAS E		FETO-MATERNAL METABOLISM OF UNSATURATED FATTY ACIDS															
HDC8595-01		LILLEHI, RICHARD C		CARDIAC DYNAMICS IN EXPERIMENTAL CARDIOGENIC SHOCK															
HL15496-01		YUNIS, EDMOND J		IMMUNOGENETICS OF AGING IN MAN															
HDG8145-01																			
INSTITUTION TOTAL	29,999	INSTITUTION TOTAL	29,999	INSTITUTION TOTAL	86,500	INSTITUTION TOTAL	86,500	INSTITUTION TOTAL	283,152	INSTITUTION TOTAL	283,152	INSTITUTION TOTAL	369,652	INSTITUTION TOTAL	369,652	INSTITUTION TOTAL	30,000	INSTITUTION TOTAL	30,000
CITY TOTAL	29,999	CITY TOTAL	29,999	CITY TOTAL	86,500	CITY TOTAL	86,500	CITY TOTAL	283,152	CITY TOTAL	283,152	CITY TOTAL	369,652	CITY TOTAL	369,652	CITY TOTAL	30,000	CITY TOTAL	30,000
ROCHESTER		MAYO FOUNDATION		CONTROL OF ACTIVE EXPIRATION															
HL1103-01		RUSSELL, JAMES A																	
INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1	INSTITUTION TOTAL	1
CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1	CITY TOTAL	1
SAIN T PAUL		UNIVERSITY OF MINNESOTA		FUNGAL SPORE GERMINATION AND MITOCHONDRIAL BIOGENESIS															
GM19398-01A1		BRAMBL, ROBERT M		PRINCIPLES OF CRYOPRESERVATION															
GM20531-01		GRAHAM, EDMUND F		RIBONUCLEOSIDE DIPHOSPHATE REDUCTASE															
GM21015-01		WARNER, HUBER R																	
INSTITUTION TOTAL	3	INSTITUTION TOTAL	3	INSTITUTION TOTAL	3	INSTITUTION TOTAL	3	INSTITUTION TOTAL	66,497										
CITY TOTAL	3	CITY TOTAL	3	CITY TOTAL	3	CITY TOTAL	3	CITY TOTAL	66,497										
STATE TOTAL	14	STATE TOTAL	14	STATE TOTAL	14	STATE TOTAL	14	STATE TOTAL	496,148										

**NIH  
RESEARCH GRANTS \***

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

MISSISSIPPI	JACKSON	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	QUANTITATIVE PULMONARY RESPONSES TO EXERCISE	28,099
	HL17098-01	PEARCE, DAVID H		
INSTITUTION TOTAL	1			28,099
CITY TOTAL	1			

STATE COLLEGE	MISSISSIPPI STATE UNIVERSITY	GLICK, BRUCE	IMMUNOGLOBULINS OF BURSECTOMIZED CHICKENS	28,270
AI11894-01				28,270
INSTITUTION TOTAL	1			
CITY TOTAL	1			
STATE TOTAL	2			56,369

MISSOURI	COLUMBIA	UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA	IMMUNOLOGIC IMPAIRMENT IN PROTEIN-CALORIE DISEASE	19,300
	HD07548-01A1	HOOK, REUEL R, JR	BIOLOGICAL TRACE METAL ATOMIC EMISSION SPECTROMETER	29,866
	GM20759-01	KOIRYOHANN, S R	FETAL AND NEONATAL SERUM DRUG BINDING	19,756
	GM21739-01	SHURT, CHARLES R		
INSTITUTION TOTAL	3			68,922
CITY TOTAL	3			68,922

SAIN T LOUIS	WASHINGTON UNIVERSITY	ASKIN, FREDERIC B	STEROID MODIFICATION OF THE NEWBORN LUNG	30,000
	HL17219-01	DAVIE, JOSEPH M	BINDING-SITE MUTANTS OF MOUSE PLASMACYTOMAS	76,351
	CA16032-01	WIEST, WALTER G	HORMONAL REGULATION OF THE REPRODUCTIVE TRACT	310,546
INSTITUTION TOTAL	3			416,897
CITY TOTAL	3			416,897
STATE TOTAL	6			485,819

NEBRASKA	OMAHA	CREIGHTON UNIVERSITY	ORTIZ, RICHARD A	CYCLOC AMP AND HISTAMINE HYPERSENSITIVITY	29,888
	HL17235-01				
INSTITUTION TOTAL	1				
* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS					

NIH  
RESEARCH GRANTS \*

## GRANT NUMBER

## TITLE OF RESEARCH PROPOSAL

	PRINCIPAL INVESTIGATOR	
CITY TOTAL	1	29,888
STATE TOTAL	1	29,888

## NEW HAMPSHIRE

## HANOVER

## DARL MOUTH COLLEGE

## HL17116-01

## CA14968-01

## CA15831-01

## GM21269-01

DAUBENSPECK, JOHN A

GRIBBLE, GORDON W

MICHAELS, GEORGE A

THRON, CHRISTOPHER D

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

VENTILATORY WORKRATE DYNAMICS IN CO<sub>2</sub> REGULATION  
SYNTHESIS OF POLYNUCLEAR AROMATIC HYDROCARBONS  
STUDIES OF NUCLEAR ENVELOPE IN NORMAL AND TUMOR CELLS  
MATHEMATICAL THEORY OF PHARMACOKINETICS

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

## NEW JERSEY

## NEW BRUNSWICK

## RUTGERS UNIVERSITY

## GM20946-01

## HD08546-01

## AI12400-01

## DAVIS, FRANK F

## EPSTEIN, YAKOV M

## MARAMOROSCH, KARL

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

NONIMMUNOGENIC ENZYMES FOR THERAPEUTIC USE  
CROWDING AND THE DEVELOPMENT OF SPATIAL BEHAVIOR  
YELLOW FEVER VIRUS IN STRAINS OF AEDES AEGYPTI

## NEWARK

## COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--NEW JERSEY MEDICAL SCHOOL

## GM20481-01

## HL16409-01

## HOWLAND, RICHARD D

## LEVINE, D ROBERT F

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

HETEROGENEITY OF UDP-GLUCURONYL TRANSFERASE  
PULMONARY CAPILLARY PERMEABILITY IN IMMATURE ANIMALS

## NEW MEXICO

## ALBUQUERQUE

## UNIVERSITY OF NEW MEXICO

## HD07005-01

## BINFORD, LEWIS R

CHILD SOCIALIZATION PRACTICES OF NUNAMIUT ESKimos

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

## INSTITUTION TOTAL

## CITY TOTAL

## STATE TOTAL

9,086

NIH  
RESEARCH GRANTS \*

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO AI11658-01	RADLOFF, ROGER J	POLYPEPTIDE CLEAVAGE DURING EMC VIRUS SYNTHESIS	2,484
INSTITUTION TOTAL CITY TOTAL	2 2	11,570 11,570	
STATE TOTAL	2	11,570	
NEW YORK ALBANY NEW YORK STATE DEPARTMENT OF HEALTH GM20371-01 GM20431-01	MALEY, GLADYS F MITCHELL, DOUGLAS G	REGULATORY PROCESSES AFFECTING ENZYME ACTIVITY DETERMINATION OF TRACE METALS IN BIOLOGICAL SAMPLES	22,575 36,089
INSTITUTION TOTAL	2	52,664	
STATE UNIVERSITY OF NEW YORK AT ALBANY GM20003-01	EADON, GEORGE A	STRUCTURE DETERMINATION BY MASS SPECTROMETRY	15,567
INSTITUTION TOTAL CITY TOTAL	1 3	15,567 68,231	
BINGHAMTON STATE UNIVERSITY OF NEW YORK AT BINGHAMTON RR07149-01	HALL, WAYNE C	BIOMEDICAL SCIENCES SUPPORT GRANT	25,111
INSTITUTION TOTAL CITY TOTAL	1 1	25,111 25,111	
BUFFALO MEDICAL FOUNDATION OF BUFFALO GM21047-01	DORSET, DOUGLAS L	ELECTRON DIFFRACTION OF MEMBRANE PHOSPHOLIPIDS	25,500
INSTITUTION TOTAL	1	25,500	
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE CA15330-01 GM21006-01	HUI, SEK W PIERUCCI, OLGA	ELECTRON DIFFRACTION OF CANCER CELL MEMBRANES ROLE OF THE BACTERIAL ENVELOPE IN CELL DUPLICATION	25,283 22,131
INSTITUTION TOTAL CITY TOTAL	2 3	42,411 67,911	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

## GRANT NUMBER PRINCIPAL INVESTIGATOR

DOLLARS  
AWARDED

NEW YORK  
COOPERSTOWN  
MARY IMogene BASSETT HOSPITAL AND CLINICS  
RR00767-01

RENOVATION OF ANIMAL FACILITIES

44,540

INSTITUTION TOTAL 1  
CITY TOTAL 1

EAST MEADOW  
NASSAU COUNTY MEDICAL CENTER  
DE03931-01  
NEVINS, ALAN J.

APICAL CALCIFICATION OF NONVITAL TEETH

7,500

INSTITUTION TOTAL 1  
CITY TOTAL 1

LAKE PLACID  
TISSUE CULTURE ASSOCIATION--W. ALTON JONES CELL SCIENCE CENTER  
HL17110-01  
DOUGLAS, WILLIAM H.

CULTURE OF TYPE II CELLS ISOLATED ON FICOLL GRADIENTS

INSTITUTION TOTAL 1  
CITY TOTAL 1

MANHASSET  
NORTH SHORE HOSPITAL  
NS11698-01  
BIRNBAUM, GARY

STUDIES ON MULTIPLE SCLEROSIS

INSTITUTION TOTAL 1  
CITY TOTAL 1

NEW YORK  
AMERICAN HEALTH FOUNDATION  
CA16352-01  
HECHT, STEPHEN S.

METHYLCHRYSENE: NEW PROBES FOR MECHANISM OF CARCINOGENS

INSTITUTION TOTAL 1

CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE  
GM21148-01  
LICHTER, ROBERT L.

NATURAL-ABUNDANCE  $^{15}\text{N}$  NMR STUDIES FOR BIOCHEMISTRY

INSTITUTION TOTAL 1

CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE  
AM16698-01A1  
HIRSCHHORN, KURT

RESEARCH IN CYSTIC FIBROSIS

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

**NIH  
RESEARCH GRANTS \***

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	COLLARS AWARDED
NEW YORK NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE CA16118-01 HL16847-01	HOLLAND, JAMES F KRAKOFF, LAWRENCE R	ACUTE LEUKEMIA GROUP B OPERATIONS OFFICE PATHOGENESIS OF GLUCOCORTICOID HYPERTENSION	177,042 22,218
INSTITUTION TOTAL	3	231,260	
CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE GM21400-01	TROPP, BURTON E	A CHEMICAL REGULATOR OF PHOSPHOLIPID METABOLISM	25,000
INSTITUTION TOTAL	1	25,000	
COLUMBIA UNIVERSITY HD06130-01A1 HL16603-01	JAFFE, ABRAM J PIRANI, CONRAD L	FERTILITY & LABOR FORCE IN THE U S STUDIES OF HUMAN AND EXPERIMENTAL RENAL DISEASES	46,124 69,577
INSTITUTION TOTAL	2	115,701	
CORNELL UNIVERSITY MEDICAL COLLEGE GM21342-01 CA16348-01 AI12146-01 AI10821-01	ANDERSEN, OLAF S ELLIS, ROBERT J JONES, THOMAS C JONES, THOMAS C	CHANNEL-MEDIATED ION TRANSPORT ACROSS LIPID BILAYERS REACTIVITY OF AXILLARY LYMPH NODES IN BREAST CANCER EFFECTS OF IMMUNITY ON INTRACELLULAR PARASITISM INTERACTIONS OF MYCOPLASMAS AND PHAGOCYTIC CELLS	23,190 61,333 15,189 18,313
INSTITUTION TOTAL	4	118,022	
FORDHAM UNIVERSITY HL16720-01	AIELLO, EDWARD L	PHYSIOLOGY OF MUCCOCILIARY TRANSPORT	58,947
INSTITUTION TOTAL	1	58,947	
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES CA16402-01	ROBBINS, GUY F	CANCER CONTROL DEVELOPMENTAL GRANT	270,763
INSTITUTION TOTAL	1	270,763	
NEW YORK STATE CANCER PROGRAMS ASSOCIATION CA16412-01	MARTIN, DANIEL S	COOPERATIVE CLINICAL RESEARCH IN COMMUNITY HOSPITALS	54,790
INSTITUTION TOTAL	1	54,790	
NEW YORK UNIVERSITY AI12062-01 RR00839-01	CELIS, T F DAVIS, JOSEPH H	TRANSPORT OF BASIC AMINO ACIDS IN E. COLI SUPPORT FOR COMPLIANCE TO ANIMAL WELFARE ACT 1970	26,132 19,700

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER

## PRINCIPAL INVESTIGATOR

NEW YORK  
NEW YORK UNIVERSITY  
CA15512-01  
AI11439-01  
AI11942-01  
CA15167-01

DEMPOULOS, HARRY B  
HAAS, FRANCOIS  
LAWRENCE, H SHERWOOD

INSTITUTION TOTAL 5

EXPLORATORY STUDIES IN CANCER RESEARCH  
MAST CELL FUNCTION IN COR PULMONALE AND LUNG EDEMAS  
IMMUNOLOGIC ASPECTS OF CANCER

465,060

ROCKEFELLER UNIVERSITY  
CA15512-01  
AI11439-01  
AI11942-01  
CA15167-01

COMPANS, RICHARD W  
KINDT, THOMAS J  
MULLER, MIKLOS  
ZABRISKIE, JOHN B

INSTITUTION TOTAL 4

SLUAN-KETTERING INSTITUTE FOR CANCER RESEARCH  
CA16191-01  
AI12487-01  
CA15857-01  
CA16251-01  
CA15860-01  
AI11962-01

FISSEKIS, JOHN D  
GOLDSTEIN, GIDEON  
KRAKOFF, IRWIN H  
PINCUS, THEODORE P  
ROBERTS, JOSEPH  
WACHTEL, STEPHEN S

INSTITUTION TOTAL 6

ST. LUKE'S HOSPITAL CENTER  
RRO0866-01

ST. VINCENT'S HOSPITAL AND MEDICAL CENTER OF NEW YORK  
RRO0776-01

INSTITUTION TOTAL 1

509,692

RNA TUMOR VIRUS STRUCTURE AND BIOGENESIS  
GENETIC COMPONENTS OF THE IMMUNE RESPONSE  
BIOCHEMICAL CYTOLOGY OF TRICHOMONAS VAGINALIS  
IMMUNOLOGIC RESPONSES IN NEOPLASTIC GROWTH

5-SUBSTITUTED PYRIMIDINES AND CANCER CHEMOTHERAPY  
THYMIN INDUCTION OF T CELL DIFFERENTIATION  
CLINICAL CHEMOTHERAPY AND PHARMACOLOGY  
MOUSE LEUKEMIA AND AUTOIMMUNITY: HOST-VIRUS RELATIONS  
A PROGRAM FOR DEVELOPMENT OF NEW ANTITUMOR ENZYME  
SEROLOGICAL ANALYSIS OF EPIDERMAL CELL ANTIGENS

INSTITUTION TOTAL 1

ST. LUKE'S HOSPITAL CENTER  
RRO0866-01

INSTITUTION TOTAL 1

ST. VINCENT'S HOSPITAL AND MEDICAL CENTER OF NEW YORK  
RRO0776-01

INSTITUTION TOTAL 1

INSTITUTION TOTAL 1

65,500

DEVELOPMENT AND IMPROVEMENT OF AN ANIMAL CARE FACILITY

IMPROVEMENT OF ANIMAL CARE FACILITIES

IMPROVEMENT OF ANIMAL CARE FACILITIES

IMPROVEMENT OF ANIMAL CARE FACILITIES

YESHIVA UNIVERSITY  
AM17702-01  
HD07118-01  
HD07907-01  
AM17610-01

ARIAS, IRWIN M  
COBLINER, W GODFREY  
RICHARDSON, STEPHEN A  
SEIFE, BURTON

INSTITUTION TOTAL 4

CITY TOTAL 36

HEPATITIS CIRRHOSIS CENTER  
ROLE OF LIFE CHANGE EVENTS IN SEEKING ELECTIVE ABORTION  
GROWING UP AS A MENTALLY SUBNORMAL YOUNG PERSON  
ISOTOPIC INERT INDICATOR FOR INTESTINAL ABSORPTION

150,000  
25,434  
79,813  
21,543

276,790  
2,441,928

**NIH  
RESEARCH GRANTS \***

DOLLARS  
AWARDED

**TITLE OF RESEARCH PROPOSAL**

**GRANT NUMBER**      **PRINCIPAL INVESTIGATOR**

NEW YORK	
NORTHPORT	
VETERANS ADMINISTRATION HOSPITAL	
CA15629-01	ZUCKER, STANLEY
INSTITUTION TOTAL	1
CITY TOTAL	1
ROCHESTER	UNIVERSITY OF ROCHESTER
HD07786-01	BAUM, JOHN
HD08652-01	GROSS, PAUL R
NS11642-01	KNIGGE, KARL M
CA16723-01	SPAR, IRVING L
INSTITUTION TOTAL	4
CITY TOTAL	4
STONY BROOK	STATE UNIVERSITY OF NEW YORK AT STONY BROOK
HL17711-01	BERGOFSKY, EDWARD H
INSTITUTION TOTAL	1
CITY TOTAL	1
SYRACUSE	STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER
HD08492-01	OSKI, FRANK A
INSTITUTION TOTAL	1
CITY TOTAL	1
SYRACUSE	UNIVERSITY
GM20690-01	WARNER, FRED D
INSTITUTION TOTAL	1
CITY TOTAL	2
TROY	RENSSELAER POLYTECHNIC INSTITUTE
GM20726-01	DIWAN, JOYCE J
INSTITUTION TOTAL	1
CITY TOTAL	1

INSTITUTION TOTAL	35,900
CITY TOTAL	35,900
INSTITUTION TOTAL	34,169
CITY TOTAL	55,811
INSTITUTION TOTAL	221,167
CITY TOTAL	44,665
INSTITUTION TOTAL	59,114
CITY TOTAL	59,114
INSTITUTION TOTAL	127,438
CITY TOTAL	127,438
INSTITUTION TOTAL	33,614
CITY TOTAL	161,052
INSTITUTION TOTAL	22,635
CITY TOTAL	22,635

INSTITUTION TOTAL	127,438
CITY TOTAL	127,438
INSTITUTION TOTAL	59,114
CITY TOTAL	59,114
INSTITUTION TOTAL	33,614
CITY TOTAL	161,052
INSTITUTION TOTAL	22,635
CITY TOTAL	22,635
INSTITUTION TOTAL	22,635
CITY TOTAL	22,635

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*DOLLARS  
AWARDED

## GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

STATE TOTAL 56 3,353,634

NORTH CAROLINA  
 CHAPEL HILL  
 UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL  
 CA16246-01 HAUGHTON, GEOFFREY 268,736  
 AI11280-01A1 JOHNSON, ANDREW M 40,079  
 HD08299-01 UNDERWOOD, LOUIS E 21,190  
 INSTITUTION TOTAL 3 330,005  
 CITY TOTAL 3 330,005

DURHAM  
 DUKE UNIVERSITY  
 CA15525-01 PORTER, F STANLEY 14,300  
 HL16758-01 SANDERS, AARON P 48,500  
 CA16400-01 SHINGLETON, WILLIAM W 286,899  
 GM21724-01 SHRIVASTAV, BIJU B 44,000  
 AI12155-01 WARD, FRANCES E 18,643  
 CA16724-01 WELLS, SAMUEL A 61,263  
 HL15877-01 WOLFE, WALTER G 34,993  
 INSTITUTION TOTAL 7 508,598  
 VETERANS ADMINISTRATION HOSPITAL  
 CA14940-01 PAULSON, DAVID F COOPERATIVE STUDY, RADIOTHERAPY OF PROSTATIC CANCER 104,057

INSTITUTION TOTAL 1 104,057  
 CITY TOTAL 8 612,655

Winston-Salem  
 WAKE FOREST UNIVERSITY  
 AM17369-01 LOFLAND, HUGH B, JR 50,312  
 CA14318-01A1 WAITE, B MOSELEY 21,335  
 INSTITUTION TOTAL 2 71,647  
 CITY TOTAL 2 71,647  
 STATE TOTAL 13 1,014,307

OHIO  
 CINCINNATI  
 UNIVERSITY OF CINCINNATI  
 CA16253-01 COATS, EUGENE A \* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS RESPIRATORY INHIBITORS AS ANINEOPLASTIC AGENTS 39,920

NIH  
RESEARCH GRANTS \*

## GRANT NUMBER

## PRINCIPAL INVESTIGATOR

DOLLARS  
AWARDED

INSTITUTION TOTAL 1  
CITY TOTAL 1

39,920  
39,920

OHIO  
CLEVELAND  
CASE WESTERN RESERVE UNIVERSITY

AI11054-01A1 EVANS, AUDREY H  
AI10977-01 GOLD, ELI  
CA15115-01 MANDEL, MARK A  
CA16089-01 SAIDEL, GERALD M

INSTITUTION TOTAL 4  
CITY TOTAL 4

230,005  
230,005

COLUMBUS  
OHIO STATE UNIVERSITY  
CA16342-01

ZWILLING, BRUCE S  
IMMUNOPROPHYLAXIS AND IMMUNOTHERAPY OF LUNG CANCER

INSTITUTION TOTAL 1  
CITY TOTAL 1

45,673  
45,673

DAYTON  
WRIGHT STATE UNIVERSITY  
AI10517-01A2

BATRA, PREM P  
BIOSYNTHESIS OF CAROTENES IN MYCOBACTERIA

INSTITUTION TOTAL 1  
CITY TOTAL 1

23,180  
23,180

YOUNGSTOWN  
YOUNGSTOWN STATE UNIVERSITY  
GM19032-01A1 DEL BENE, JANET E

MOLECULAR ORBITAL STUDIES OF HYDROGEN BONDING

INSTITUTION TOTAL 1  
CITY TOTAL 1  
STATE TOTAL 8

22,000  
22,000  
360,778

OKLAHOMA  
NORMAN  
UNIVERSITY OF OKLAHOMA  
GM21034-01 DRYHURST, GLENN

ELECTROCHEMISTRY AND INTERFACIAL BEHAVIOR OF PURINES

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

31,190

NIH  
RESEARCH GRANTS \*DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER PRINCIPAL INVESTIGATOR

INSTITUTION TOTAL	1
CITY TOTAL	1

OKLAHOMA CITY  
OKLAHOMA MEDICAL RESEARCH FOUNDATION  
GM20883-01 HARTSUCK, JEAN A

INSTITUTION TOTAL	1
CITY TOTAL	1
STATE TOTAL	2

OREGON BEAVERTON  
OREGON GRADUATE CENTER FOR STUDY AND RESEARCH  
GM20943-01 HURST, JAMES K

INSTITUTION TOTAL	1
CITY TOTAL	1

CORVALLIS  
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY  
GM20610-01 DANIELS, MALCOLM  
GM21380-01 SCHAUER, HENRY W

INSTITUTION TOTAL	2
CITY TOTAL	2

PORLTAND  
OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY  
HD08967-01 LAMB, NEVEN P

INSTITUTION TOTAL	1
-------------------	---

OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON MEDICAL SCHOOL  
HL17150-01 BISSONNETTE, JOHN M  
CA16328-01 CAMPBELL, ROBERT A  
HD08236-01 HECHT, FREDERICK  
HL16461-01 STARR, ALBERT

INSTITUTION TOTAL	4
-------------------	---

MECHANISMS OF BIOLOGICAL REDOX REACTIONS OF COPPER

CRYSTAL STRUCTURE OF HUMAN SERUM ALBUMIN	15,180
ROOM TEMPERATURE FLUORESCENCE OF NUCLEIC ACIDS & BASES	12,838
MOLECULAR BASIS FOR PROTEIN - NUCLEIC ACID INTERACTIONS	35,303

GENETIC & DEMOGRAPHIC FACTORS AND MARITAL CHOICE	34,948
--	--------

POLYAMINE DIFFUSING CAPACITIES IN NEWBORN LUNG	29,925
HUMAN CHROMOSOME STRUCTURE, FUNCTION AND BEHAVIOR	77,411
LATE RESULTS OF VALVE REPLACEMENT: COMPUTER ANALYSIS	87,637

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS	302,128
---	---------

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	5		337,076
STATE TOTAL	8		402,377
PENNSYLVANIA HAVERFORD HAVERFORD COLLEGE GM21016-01	FINGER, IRVING	SURFACE PROTEIN TRANSFORMATION	7,970
INSTITUTION TOTAL CITY TOTAL	1 1		7,970 7,970
HERSHEY PENNSYLVANIA STATE UNIVERSITY CA15733-01	MILTON S. HERSHEY MEDICAL CENTER JACOB, SAMSON T	MITOCHONDRIAL POLYADENYLATE POLYMERASE IN NEOPLASIA	34,172
INSTITUTION TOTAL CITY TOTAL	1 1		34,172
PHILADELPHIA ALBERT EINSTEIN MEDICAL CENTER RR00720-01	GOLDNER, HERMAN	SUPPORT FOR ANIMAL-CARE FACILITY	35,000
INSTITUTION TOTAL	1		35,000
DREXEL UNIVERSITY GM20526-01	NES, WILLIAM R	THE ROLE OF STEROLS IN MEMBRANES	25,000
INSTITUTION TOTAL	1		25,000
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA HL17186-01	SHINNICK, JAMES P	CATECHOLAMINES IN NEUROGENIC PULMONARY EDEMA	29,063
INSTITUTION TOTAL	1		29,063
MEDICAL COLLEGE OF PENNSYLVANIA CA14705-01A1	EFSKIN, BERNARD A	RADIOIODINE UPTAKE & IMAGING IN THE HUMAN BREAST	20,205
INSTITUTION TOTAL	1		20,205
PENNSYLVANIA HOSPITAL HD05948-01A2	WALLACH, EDWARD E	OVARIAN NERVE AND MUSCLE IN THE MECHANISMS OF OVULATION	31,500
INSTITUTION TOTAL	1		31,500

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

**NIH  
RESEARCH GRANTS \***

**DOLLARS  
AWARDED**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	INSTITUTION TOTAL	CITY TOTAL												
PENNSYLVANIA																
PHILADELPHIA																
PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE																
NS12040-01	OMAND, ELIZABETH L	SENSORY CONTROL OF FEEDING	37,229													
INSTITUTION TOTAL	1		37,229													
UNIVERSITY OF PENNSYLVANIA	BARKER, CLYDE F	BIOLOGY OF TISSUE AND ORGAN TRANSPLANTATION	36,875													
AI11051-01	BURNSIDE, MARY B	MICROTUBULE AND MICROFILAMENT STRUCTURE AND FUNCTION	9,305													
GM20109-01	BUYUKMIHCI, NEDIM C	ROD DISC TURNOVER IN THE RETINA	7,500													
EY01346-01	COOPER, RICHARD A	EASTERN COOPERATIVE ONCOLOGY GROUP	25,001													
CA15488-01	MIKUTA, JOHN J	GYNECOLOGIC ONCOLOGY GROUP	28,676													
CA15977-01	SHAFFER, THOMAS H	Liquid VENTILATION IN NEWBORN WITH RDS	27,670													
HL17154-01	SUYAMA, YOSHITAKA	MULTIPLE ISOACCEPTING FORMS OF MITOCHONDRIAL tRNA	39,300													
GM21386-01	WILSON, DARCY B	IMMUNOBIOLOGY OF NORMAL AND NEOPLASTIC LYMPHOCYTES	603,977													
INSTITUTION TOTAL	8		778,299													
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY		ENZYME MARKERS IN THE MAPPING OF HUMAN GENES	37,400													
GM20700-01	CROCE, CARLO M	VIRAL PROTEIN IN AVIAN SARCOMA VIRUS-INFECTED CELLS	27,763													
CA16047-01	HALPERN, MICHAEL S	MECHANISM OF CORTISOL ACTION ON LUNG CELLS IN VITRO	30,000													
INSTITUTION TOTAL	3		95,163													
CITY TOTAL	17		1,051,459													
PITTSBURGH																
CARNEGIE-MELLON UNIVERSITY																
EY01396-01	FAGER, ROGER S	PREPARATION AND CHARACTERIZATION OF CONE PIGMENTS	103,438													
GM20804-01AI	NORTHINGTON, C R	MOLECULAR STRUCTURE OF SARCOPLASMIC RETICULUM	22,855													
INSTITUTION TOTAL	2		126,293													
CHILDREN'S HOSPITAL OF PITTSBURGH	KENNY, FREDERIC M	ESTROGEN METABOLISM DURING GROWTH AND DEVELOPMENT	14,085													
HD07371-01																
INSTITUTION TOTAL	1															
MONTEFIORE HOSPITAL	SHADDUCK, RICHARD K	REGULATION OF GRANULOCYTOSIS	84,570													
CA15237-01																
INSTITUTION TOTAL	1		84,570													

NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH GM21256-01 GM19649-01AI GM20813-01 HL17199-01 GM20485-01	BASFORD, ROBERT E FRANZEN, JAMES S IHLER, GARRET M KATYAL, SIKANDAR L RYAN, GORDON A	MITOCHONDRIAL PHOSPHATE CARRIER LIGAND BINDING TO ALLOSTERIC ENYMES ROLE OF DNA IN DNA, RNA AND PROTEIN SYNTHESIS RESPIRATORY DISTRESS SYNDROME. AN EXPERIMENTAL MODEL PROTEINS INVOLVED IN DNA REPLICATION	23,709 25,300 23,809 28,514 44,100
INSTITUTION TOTAL CITY TOTAL	5 9		145,432 370,380
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY NS11554-01 HL17105-01	RAVIZZA, RICHARD J ULTMAN, JAMES S	BEHAVIORAL ANALYSIS OF CENTRAL HEARING MECHANISMS NONINVASIVE DETERMINATION OF AIRWAY MIXING	25,223 29,067
INSTITUTION TOTAL CITY TOTAL	2 2		54,290 54,290
STATE TOTAL	30		1,518,271
RHODE ISLAND KINGSTON UNIVERSITY OF RHODE ISLAND AI11518-01 AI11856-01	COHEN, PAUL S HARTMAN, KARL A, JR	FUNCTIONAL VIRAL mRNA MADE WITHOUT PROTEIN SYNTHESIS THE MOLECULAR STRUCTURE OF RNA VIRUSES	13,999 13,487
INSTITUTION TOTAL CITY TOTAL	2 2		27,486 27,486
PROVIDENCE ROGER WILLIAMS GENERAL HOSPITAL CA15947-01 GM20631-01	CUMMINGS, F J LEGATOR, MARVIN S	EASTERN COOPERATIVE ONCOLOGY GROUP DETERMINATION OF GENETIC REPAIR IN HUMAN SUBJECTS	30,618 20,246
INSTITUTION TOTAL CITY TOTAL	2 2		50,858 50,858
STATE TOTAL	4		78,344

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER PRINCIPAL INVESTIGATOR

SOUTH CAROLINA COLUMBIA UNIVERSITY OF SOUTH CAROLINA GM19980-01	BONNER, OSCAR D	WATER STRUCTURE IN SYSTEMS OF BIOLOGICAL IMPORTANCE	13,170
INSTITUTION TOTAL	1		13,170
CITY TOTAL	1		13,170
STATE TOTAL	1		13,170

TENNESSEE KNOXVILLE UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE GM21224-01	JEUN, KWANG W	ENDOSYMBIONTS AS REQUIRED CYTOPLASMIC COMPONENTS	16,787
HD08463-01	TODD, PEYTON H	SPEECH ACQUISITION BY A HEARING CHILD OF DEAF PARENTS	31,351
GM20885-01	WEHRY, EARL L	INTERACTIONS OF METALS WITH PHOTOEXCITED FLAVINS	19,016
INSTITUTION TOTAL	3		66,854
CITY TOTAL	3		66,854
STATE TOTAL	3		66,854

TEXAS COLLEGE STATION TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY CA16912-01	ZINGARO, RALPH A	THIO AND SELENO SUGAR ESTERS OF GROUP V ACIDS	21,335
INSTITUTION TOTAL	1		21,333
CITY TOTAL	1		21,333

DALLAS UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT DALLAS GM19849-01	GUTZ, HERBERT	STUDIES OF THE MECHANISM OF RECOMBINATION IN A YEAST	27,964
GM20851-01	LANG, DIMITRIJ	ELECTRON MICROSCOPY OF DNA OF CELLS AND VIRUSES	33,346
INSTITUTION TOTAL	2		61,310
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS HL11734-01	PROUGH, RUSSELL A	METABOLISM OF XENOBIOTIC COMPOUNDS IN LUNG	30,000
GM21223-01	REEVES, JOHN P	TRANSPORT ACTIVITY DURING LYMPHOCYTE STIMULATION	28,521
INSTITUTION TOTAL	2		58,521
CITY TOTAL	4		119,831

NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS GALVESTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON AM18072-01	KENNY, ALEXANDER D	CALCIUM HOMEOSTASIS: ENDOCRINE AND COMPARATIVE ASPECTS	36,169
INSTITUTION TOTAL CITY TOTAL	1 1		36,169
HOUSTON BAYLOR COLLEGE OF MEDICINE AM17454-01 CA14618-01A1	COLLINS, KIM D MAYER, HEATHER D	STUDIES ON HORMONE METABOLIZING AND BINDING PROTEINS GROWTH OF ADENO-ASSOCIATED SATELLITE VIRUSES	6,000 37,190
INSTITUTION TOTAL	2		43,190
RICE UNIVERSITY GM21337-01	PALMER, GRAHAM A	MOLECULAR MECHANISMS OF BIOLOGICAL REDOX REACTIONS	142,484
INSTITUTION TOTAL	1		142,484
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON AM18083-01 RR07148-01 HD08338-01 GM21361-01	FRIEDMANN, NAOMI KNUDSON, ALFRED G STEINBERGER, EMIL THOMPSON, W JOSEPH	IONIC REGULATION OF GLUCONEOGENESIS BIOMEDICAL SCIENCES SUPPORT GRANT STUDY OF THE CONTROL OF MALE REPRODUCTION BIOLOGICAL ROLE OF CYCLIC NUCLEOTIDE PHOSPHODIESTERASE	41,600 48,371 545,500 42,500
INSTITUTION TOTAL CITY TOTAL	4 7		677,971 863,645
SAN ANTONIO SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION AI11147-01 AM17069-01	MYERS, BETTY J RAO, PEMMARAJU NARASIMHA	CHARACTERIZATION AND DEVELOPMENT OF LARVAL SCHISTOSOMES SYNTHESIS OF NEW STEROID HAPTONS FOR RADIOIMMUNOASSAY	36,313 114,332
INSTITUTION TOTAL	2		150,645
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO EY01497-01 AI12469-01 CA15047-01 CA15842-01	BROOKS, BARBARA A DRUTZ, DAVID J FRIEDBERG, SAMUEL J KNIKER, WILLIAM T	VISUAL PROCESSING DURING EYE MOVEMENT RESPONSE OF HUMAN LEUKOCYTES TO NEISSERIA GONORRHOEAE O-ALKYL LIPIDS IN SURFACE MEMBRANES OF TUMOR CELLS IMMUNOLOGIC ASPECTS OF CANCER AND INFECTION IN PRIMATES	39,969 35,882 24,155 78,097
INSTITUTION TOTAL CITY TOTAL	4 6		178,103 328,748

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
STATE TOTAL	19	SALT LAKE CITY LATTER-DAY SAINTS HOSPITAL SYSTEM--PRIMARY CHILDREN'S MEDICAL CENTER HL16234-01	1,369,726
INSTITUTION TOTAL	1		34,310

UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH	COMPARISON OF HISTOCOMPATIBILITY ANTIGENS BIOINSTRUMENTATION FOR NEONATAL CRITICAL CARE	26,790
AI11956-01 HD08537-01 GM19703-01A1 GM21153-01 CA15141-01 CA16903-01 HL16898-01	THE ROLE OF METHYLATION IN DNA REPLICATION AND REPAIR MAGNETIC CIRCULAR DICHROISM OF ORGANIC MOLECULES CONTROL OF NUCLEAR EVENTS IN NORMAL & NEOPLASTIC CELLS VINYL TRIFLUOROMETHANE SULFONATE CHEMISTRY BIOFEASIBILITY OF TOTAL PROSTHETIC LUNG REPLACEMENT	38,016 28,359 9,680 25,477 44,328 75,000
INSTITUTION TOTAL CITY TOTAL	7 8	247,652 281,962
STATE TOTAL	8	281,962

VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA	AM17042-01 LARNER, JOSEPH	DIABETES - ENDOCRINOLOGY RESEARCH CENTER	323,178
INSTITUTION TOTAL CITY TOTAL	1 1		323,178 323,178
NORFOLK NORFOLK AREA MEDICAL CENTER CA16540-01 MC COMBS, ROBERT M		ROLE OF ONCORNAVIRUSES IN CARCINOMA OF THE PROSTATE	52,640
INSTITUTION TOTAL CITY TOTAL	1 1		52,640 52,640
RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY ES00701-01 FRIEDMAN, MARVIN A		EFFECTS OF PIPERONYL BUTOXIDE ON CHEMICAL CARCINOGENESIS	37,296

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
HL1709-01	PANG, DAVID C	THE ROLE OF BRONCHIAL MUSCLE IN ASTHMA	29,740
AI11629-01	WINDRIDGE, GRAHAM C	POLYMYXIN ANALOGS	28,104
CA16096-01	YOUNG, HAROLD F	HOST-NEOPLASIA INTERACTIONS OF GLIOMAS	40,988
INSTITUTION TOTAL	4		136,128
CITY TOTAL	4		136,128
STATE TOTAL	6		511,946
WASHINGTON PULLMAN			
WASHINGTON STATE UNIVERSITY			
RR00902-01	AMEND, JAMES F	EFFECT OF CONFINEMENT ON PHYSIOLOGY AND BEHAVIOR	29,969
GM21738-01	WAY, JAMES L	ANTAGONISM OF CYANIDE INTOXICATION WITH OXYGEN	28,620
INSTITUTION TOTAL	2		58,589
CITY TOTAL	2		58,589
SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER			
CA16404-01	HUTCHINSON, WILLIAM B	CANCER CONTROL DEVELOPMENT GRANT	457,707
INSTITUTION TOTAL	1		457,707
INSTITUTE OF ENVIRONMENTAL MEDICINE AND PHYSIOLOGY			
HL15844-01AI	REID, JOHN M	CEREBROVASCULAR SYSTEM ASSESSMENT BY DOPPLER ULTRASOUND	49,235
INSTITUTION TOTAL	1		49,235
UNIVERSITY OF WASHINGTON			
NS11780-01	ABBS, JAMES H	NEUROMUSCULAR MECHANISMS UNDERLYING SPEECH PRODUCTION	106,647
CA15879-01	CAMERMAN, ARTHUR	STEREOCHEMICAL PRINCIPLES FOR ANTI-CANCER DRUGS	57,750
EY01282-01	CHANDLER, JOHN W	IMMUNOPATHOLOGY AND THERAPY OF CORNEAL DISEASE	35,009
HL17111-01	CULVER, BRUCE H	EFFECT OF PEEP ON FORMATION OF PULMONARY EDEMA	29,874
HL17172-01	GUTHRIE, ROBERT D	VENTILATORY CONTROL AND SLEEP IN PREMATURE MONKEYS	30,000
AI12192-01	HOLMES, KING K	VENEREAL DISEASE RESEARCH PROGRAM PROJECT	277,811
HD08968-01	KNOPP, ROBERT H	HYPERTIPIEMIA IN PREGNANCY: DEFINITIONS & MECHANISMS	35,819
HD08633-01	SACKETT, GENE P	PREMATURITY IN PRIMATES: CAUSES, EFFECTS, PREVENTION	141,117
CA16024-01	THUMAS, EDWARD D	PROTECTIVE ENVIRONMENT IN INTENSIVE CANCER THERAPY	522,364
INSTITUTION TOTAL	9		1,236,391
CITY TOTAL	11		1,743,333

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	13	1,801,922	
WEST VIRGINIA			
MORGANTOWN			
WEST VIRGINIA UNIVERSITY	CENDELLA, RICHARD J	INVESTIGATIONS OF LIPOLYTIC ACTIVITIES IN TUMOR CELLS	16,931
CA14700-01			
INSTITUTION TOTAL	1	16,931	
CITY TOTAL	1	16,931	
STATE TOTAL	1	16,931	
WISCONSIN			
MAIDISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON	DAY, RICHARD H LARDY, HENRY A MUNKRES, KENNETH D PERLMAN, DAVID ROSS, LEONARD E RUSCH, HAROLD P YALE, CHARLES E	A STUDY OF DYNAMIC "WORLD SYSTEM" MODELS CARBOHYDRATE METABOLISM MOLECULAR BIOLOGY OF AGING OF FUNGI AS MODELS MICROBIAL METABOLITE INHIBITION OF TUMOR BI2 BINDING DEVELOPMENTAL PROCESSES IN CHILDREN AT RISK FOR MR DEVELOPMENT OF REGIONAL CANCER CONTROL PROGRAM SUPPORT FOR ANIMAL CARE FACILITY	70,884 32,965 45,287 52,527 131,111 529,235 35,720
HD07565-01			
HD08630-01			
GM21205-01			
CA16904-01			
HD08240-01			
CA16405-01			
RR00821-Q1			
INSTITUTION TOTAL	7	897,629	
CITY TOTAL	7	897,629	
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN	BARBORIAK, JOSEPH J DAWSON, CHRISTOPHER A	MODIFICATION OF LUNG IMMUNE RESPONSES LUNG AND PROSTAGLANDINS: METABOLISM AND VASOMOTION	7,925 29,687
HL17691-01			
HL17112-01			
INSTITUTION TOTAL	2	37,612	
CITY TOTAL	2	37,612	
STATE TOTAL	9	935,241	
WYOMING			
LARAMIE			
UNIVERSITY OF WYOMING	KITCHIN, ROBERT M PANCOE, WILLIAM L	STRUCTURE OF HUMAN MITOTIC AND MEIOTIC CHROMOSOMES ANIMAL RESOURCE AND FACILITY DEVELOPMENT	26,647 23,200
GM20491-01			
RR00780-01			
INSTITUTION TOTAL	2	49,840	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS



**NIH  
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ALABAMA BIRMINGHAM SOUTHERN RESEARCH INSTITUTE DE42446-00 CM43762-00 DE42435-00	COWSAR, DONALD R MONTGOMERY, JOHN A TANQUARY, A CHARLES	FLUORIDE RELEASING SYSTEM FOR PROLONGED RELEASE IN THE ORAL CAVITY SYNTHESIS OF POTENTIAL ANTICANCER AGENTS DEVELOPMENT OF MATERIALS FOR MAXILLOFACIAL PROSTHESES	54,541 594,824 67,450
INSTITUTION TOTAL	3		716,795
UNIVERSITY OF ALABAMA IN BIRMINGHAM CB44009-00 HD42862-00 CN45121-00 CN45129-00	BENNETT, J CLAUDE BUTTERWORTH, C E GOSSMAN, MARILYN MADDOX, WILLIAM A	BIOCHEMISTRY OF NORMAL AND TUMOR-CELL SURFACE ANTIGENS STUDY OF EFFECT OF ORAL CONTRACEPTIVE STEROIDS ON FOLIC ACID METABOLISM CANCER TRAINING PROGRAMS FOR PHYSICAL AND/OR OCCUPATIONAL THERAPISTS PROTOTYPE NETWORK DEMONSTRATION PROJECT IN BREAST CANCER	94,189 66,200 192,524 174,955
INSTITUTION TOTAL	4		527,868
CITY TOTAL	7		1,244,663
STATE TOTAL	7		1,244,663
ARIZONA PHOENIX ARIZONA STATE DEPARTMENT OF HEALTH CN45109-00	DANDOY, SUZANNE	PLANNING FOR A CERVICAL CANCER SCREENING CENTER	37,216
INSTITUTION TOTAL	1		30,216
CITY TOTAL	1		30,216
STATE TOTAL	1		30,216
CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY CB43866-00	COLE, R D	STUDY OF MAMMARY GLAND RESPONSIVENESS TO MULTIPLE HORMONES	87,300
INSTITUTION TOTAL	1		87,300
CITY TOTAL	1		87,300
CUPERTINO TYMSHARE, INC. LM44711-00	NOT APPLICABLE	DATA COMMUNICATION SERVICES	333,000
INSTITUTION TOTAL	1		333,000
CITY TOTAL	1		333,000

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA DAVIS UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS CB43908-00	WELLINGS, SEFTON R	STUDY OF PRENEOPLASTIC LESIONS OF THE HUMAN MAMMARY GLANDS	152,300
INSTITUTION TOTAL	1		152,300
CITY TOTAL	1		152,300
LA JOLLA SCRIPPS CLINIC AND RESEARCH FOUNDATION CB43905-00 NS42309-00 CB44001-00	DANDLICKER, W B MEINKE, WILLIAM J RUSSELL, STEPHEN W	RESPONSIVENESS OF MAMMARY-GLAND CELLS TO HORMONE'S DETECTION OF VIRAL GENOMES IN HUMAN NEUROLOGICAL DISEASE NATURE AND FUNCTION OF IMMUNE-RELATED CELLS IN TUMOR MASSES	85,200 63,387 58,625
INSTITUTION TOTAL	3		207,212
CITY TOTAL	3		207,212
LOS ANGELES CHILDREN'S HOSPITAL OF LOS ANGELES CM43803-00	KARON, MYRON R	STUDY OF NEW ANTICANCER AGENTS	87,989
INSTITUTION TOTAL	1		87,989
PACIFIC BIO-MARINE SUPPLY COMPANY--PACIFIC BIO-MARINE LABORATORIES RR42169-00	FAY, RIMMON C	STUDY OF DEVELOPMENT OF LABORATORY MARICULTURE TECHNIQUE	31,406
INSTITUTION TOTAL	1		31,406
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES CP43290-00 HD42864-00 CB43972-00 CB43917-00 CB43933-00	GORBACH, SHERWOOD L SANSONE-BAZZANO, GAIL SERCARZ, ELI E SPARKS, FRANK C TERASAKI, PAUL I	STUDY OF MUCOSAL-ASSOCIATED MICROORGANISMS IN THE COLON STUDY OF STEROID HORMONES ON SEBACEOUS GLAND SECRETION GENETIC CONTROL OF IMMUNE RESPONSES IN RELATION CANCER STUDY OF CARCINOMA OF THE BREAST TECHNIQUES FOR IN VITRO SENSITIZATION OF HUMAN LYMPHOCYTES	107,918 83,800 112,576 212,000 50,820
INSTITUTION TOTAL	5		567,114
UNIVERSITY OF SOUTHERN CALIFORNIA CB43881-00 CN45122-00	FRIOU, GEORGE J TOWNSEND, DUANE E	ANTIBODIES TO HUMAN TUMOR CELLS STUDY OF INCIDENCE & NATURAL HISTORY OF GENITAL TRACT ABNORMALITIES	68,236 185,025
INSTITUTION TOTAL	2		253,261
CITY TOTAL	9		939,770

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA OAKLAND KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE HD42861-00	RAMCHARAN, SAVITRI	STUDY OF EFFECT OF CONTRACEPTIVE AGENTS	277,682
INSTITUTION TOTAL CITY TOTAL	1 1	277,682 277,682	277,682
SACRAMENTO CALIFORNIA STATE HEALTH AND WELFARE AGENCY--DEPARTMENT OF HEALTH CN45106-00	FASAL, ELFRIEDE	PLANNING FOR A CERVICAL CANCER SCREENING CENTER	49,282
INSTITUTION TOTAL CITY TOTAL	1 1	49,282 49,282	49,282
SAN FRANCISCO INSTITUTES OF MEDICAL SCIENCES HB42952-00	PERSIDSKY, MAXIM D	CRYOPRESERVATION OF GRANULOCYTES SUITABLE FOR CLINICAL USE	65,350
INSTITUTION TOTAL CITY TOTAL	1 1	65,350 65,350	65,350
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO AM42220-00 DE42439-00	FELTS, JAMES M WYCOFF, SAMUEL J	INVESTIGATE HYPERLIPIDEMIA IN CHRONIC RENAL FAILURE EFFECT OF MOUTHRINSE CONTAINING CALCIUM GLYCEROPHOSPHATE	66,086 30,840
INSTITUTION TOTAL CITY TOTAL	2 3	96,926 162,276	96,926
SANTA MONICA SYSTEM DEVELOPMENT CORPORATION LM44719-00	NOT APPLICABLE	COMPUTER-SUPPORT SERVICES FOR MEDLARS SYSTEM	105,032
INSTITUTION TOTAL CITY TOTAL	1 1	105,032 105,032	105,032
STANFORD STANFORD UNIVERSITY AM42213-00	SWENSON, R S	HYPERGLYCEMIA, HYPERLIPIDEMIA, AND INSULIN RESISTANCE IN CHRONIC RENAL FAILURE	65,000
INSTITUTION TOTAL CITY TOTAL	1 1	65,000 65,000	65,000

**NIH  
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
<b>CALIFORNIA</b>			
TORRANCE	LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL		
AI42547-00	HEINER, DOUGLAS C	PRODUCTION OF ANTI-HUMAN IGE REFERENCE REAGENTS	40,530
CB43903-00	ODELL, WILLIAM D	STUDY OF HORMONE MARKERS FOR DETECTING CANCER	159,712
HD42871-00	PARLOW, A F	RAT PLACENTAL LACTOGEN RADIOIMMUNOASSAY	53,984
INSTITUTION TOTAL	3		254,226
CITY TOTAL	3		254,226
STATE TOTAL	25		2,633,080
<b>COLORADO</b>			
BOULDER	UNIVERSITY OF COLORADO	TRACE ELEMENT ABNORMALITIES IN CHRONIC UREMIA	63,562
AM42217-00	ALFREY, A C	SYNTHESIS OF NITROGEN HETEROCLYCE COMPOUNDS	77,555
CM43779-00	HASSNER, ALFRED		
INSTITUTION TOTAL	2		141,117
CITY TOTAL	2		141,117
DENVER	COLORADO REGIONAL CANCER CENTER	PRELIMINARY PLANNING FOR A CANCER ACCESS INFORMATION	29,300
CD45417-00	MORFIT, H MASON		
INSTITUTION TOTAL	1		29,300
CITY TOTAL	1		29,300
STATE TOTAL	3		170,417
<b>CONNECTICUT</b>			
DANBURY	AMERICAN CYANAMID COMPANY--DAVIS AND GECK LABORATORY	PURCHASE EDUCATIONAL FILM TO BE CIRCULATED ON FREE LOAN	4,650
LM44727-00	NOT APPLICABLE		
INSTITUTION TOTAL	1		4,650
CITY TOTAL	1		4,650
FARMINGTON	UNIVERSITY OF CONNECTICUT HEALTH CENTER	SCREENING CHEMICAL AGENTS WITH POTENTIAL TO PREVENT PERIO PLAQUE	71,404
DE42437-00	TANZER, JASON M		
INSTITUTION TOTAL	1		71,404

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	71,404	
<b>CONNECTICUT</b>			
NEW HAVEN YALE UNIVERSITY AM42221-00 CB43994-00	FELIG, PHILIP GERSHON, RICHARD K GRALLA, EDWARD J PITLICK, FRANCES WAKSMAN, BYRON H	INVESTIGATE ROLE OF GLUCAGON AND AMINO ACIDS IN CARBOHYDRATES STUDY OF HUMORAL OR CELLULAR IMMUNOLOGIC RESPONSES EVALUATION OF CHELATING AGENTS FOR THE TREATMENT OF COOLEY'S ANEMIA INTERACTIONS OF NATURAL AND CHEMICALLY MODIFIED BIOPOLYMERS WITH BLOOD CHEMISTRY OF PURIFIED THYMIC PRODUCTS OF OTHER AGENTS PROMOTING LYMPHOCYTE DIFFERENTIATION	56,300 69,000 53,415 98,547 94,357
INSTITUTION TOTAL	5	371,619	
CITY TOTAL	5	371,619	
STATE TOTAL	7	447,673	
<b>DIST OF COL WASHINGTON COURTESY ASSOCIATES</b>			
CP45618-00	STAMPFLI, SHEILA	PHYSICAL AND CHEMICAL CARCINOGENESIS & THE IMMUNE SYSTEM	19,990
INSTITUTION TOTAL	1	19,990	
GEORGE WASHINGTON UNIVERSITY EY42167-00 AI42544-00	ARMALY, MANSOUR F ZOOK, BERNARD C	BIOSTATISTICAL ANALYSIS OF COLLABORATIVE GLAUCOMA STUDY PROVIDE AND MAINTAIN ANIMALS FOR VIRAL ANTISERUM PRODUCT	94,481 11,257
INSTITUTION TOTAL	2	105,738	
KOBA ASSOCIATES CN45116-00	JOHNSON, FORD	STUDY OF EDUCATIONAL MATERIALS FOR CANCER CONTROL	77,238
INSTITUTION TOTAL	1	77,298	
NATIONAL ACADEMY OF SCIENCES AM42209-00 CP45616-00 CP45617-00	JOHNSON, PAUL E NOT APPLICABLE YAGER, ROBERT	EVALUATION OF HUMAN NUTRIENT REQUIREMENTS WORKSHOP ON GEOCHEMICAL ENVIRONMENT IN RELATION TO HEALTH AND DISEASE DEVELOP PROGRAM FOR COLLECTION OF INFO ON LAB ANIMALS	33,120 30,000 20,000
INSTITUTION TOTAL	3	83,120	
TELECONSULT, INC. LM44712-00	MOULTON, ELLIOTT J	ECONOMETRIC ANALYSIS OF NLM ON-LINE SERVICES	21,990
INSTITUTION TOTAL	1	21,990	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	8	308,136	
STATE TOTAL	8	308,136	
FLORIDA			
JACKSONVILLE			
FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES--DIVISION OF HEALTH AI42521-00	EDMAN, JOHN D	CERTIFICATION OF ARTHROPOD BLOOD-MEAL ANTISERA	6,613
INSTITUTION TOTAL	1	6,613	
CITY TOTAL	1	6,613	
STATE TOTAL	1	6,613	
GEORGIA			
ATLANTA			
EMORY UNIVERSITY	MC GARITY, WILLIAM C	ENTEROSTOMAL THERAPY EDUCATION PROGRAM	60,844
CN45102-00	POPOVIC, VOJIN P	PRESERVATION OF GRANULOCYTES FOR TRANSFUSION	75,100
HB42950-00	VOGEL, CHARLES L	CHEMOTHERAPY STUDIES IN PRIMARY LIVER CANCER, GALL BLADDER	17,372
CM43764-00	VOGEL, CHARLES L	STUDY OF HORMONE THERAPY PLUS CHEMOTHERAPY	78,000
INSTITUTION TOTAL	4	231,316	
CITY TOTAL	4	231,316	
STATE TOTAL	4	231,316	
HAWAII			
HONOLULU			
ST. FRANCIS HOSPITAL	LAU, THOMAS K	DEVELOPMENT OF CANCER REHABILITATION SERVICES	186,442
CN45118-00			
INSTITUTION TOTAL	1		186,442
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
RR42168-00	HADFIELD, MICHAEL G	DEVELOPMENT OF LABORATORY MARICULTURE TECHNIQUES	93,371
HR42944-00	YASUNOBU, KERRY T	SEPARATION AND CHARACTERIZATION OF LUNG ELASTIN	26,830
INSTITUTION TOTAL	2	119,901	
CITY TOTAL	3	306,343	
STATE TOTAL	3	306,343	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ILLINOIS CHICAGO ILLINOIS INSTITUTE OF TECHNOLOGY CP43289-00	BAXTER, DAVID W	SUPPLY OF HAMSTERS TREATED WITH RESPIRATORY CARCINOGENS	14,256
INSTITUTION TOTAL	1	140,256	
NORTHWESTERN UNIVERSITY CN45132-00	SISSON, GEORGE A	DEMONSTRATION PROJECT FOR HEAD AND NECK CANCER	188,081
INSTITUTION TOTAL	1	188,081	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER CB43991-00	PERLIA, CHARLES P	HORMONE THERAPY PLUS CHEMOTHERAPY IN PATIENTS WITH BREAST CANCER	123,303
INSTITUTION TOTAL	1	123,300	
UNIVERSITY OF CHICAGO CB43919-00 HD42850-00 CB43998-00	BIBBO, MARLUCE BIBBO, MARLUCE ROWLEY, DONALD A	STUDY OF DIAGNOSTIC VALUE OF GYNECOLOGIC CYTOPATHOLOGY SAMPLES NEOPLASTIC RISK FROM SYNTHETIC ESTROGEN DURING PREGNANCY SELECTIVE STIMULATION OR SUPPRESSION OF IMMUNOLOGIC RESPONSES	77,030 89,000 51,978
INSTITUTION TOTAL	3	218,008	
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER CP43345-00	DAS GUPTA, TAPAS K	SUPPLY OF FRESH HUMAN MATERIALS OBTAINED FROM PATIENTS	82,500
INSTITUTION TOTAL	1	82,500	
CITY TOTAL	7	752,145	
NORTH CHICAGO ABBOTT LABORATORIES HB42946-00	BARLOW, GRANT H	ISOLATE AND TEST ANTITHROMBIN	75,680
INSTITUTION TOTAL	1	75,680	
CITY TOTAL	1	75,680	
STATE TOTAL	8	827,825	
INDIANA BLOOMINGTON INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT BLOOMINGTON HD42855-00	CUTRIGHT, PHILLIPS	STUDY OF IMPACT OF ECONOMIC DEMOGRAPHIC AND SOCIAL FACTORS	120,943
INSTITUTION TOTAL	1	120,943	

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK
CITY TOTAL	1	120,943
STATE TOTAL	1	120,943

IOWA IOWA CITY UNIVERSITY OF IOWA	FINCHAM, R. W. OSBORNE, JAMES W. SMIDT, GARY L. WURSTER, DALE	FEASIBILITY STUDY FOR COMPREHENSIVE EPILEPSY PROGRAM DEVELOP ANIMAL MODELS FOR CIRCULATING TUMOR ANTIGENS CANCER TRAINING PROGRAMS FOR PHYSICAL AND/OR OCCUPATIONAL DEVELOPMENT OF PARENTERAL DOSAGE FORMS
NS42318-00		59,214
CB43891-00		81,903
CN45125-00		178,814
CM43743-00		111,292
INSTITUTION TOTAL	4	431,020
CITY TOTAL	4	431,020
STATE TOTAL	4	431,020

MAINE AUGUSTA MAINE DEPARTMENT OF HEALTH AND WELFARE CN45107-00	LEADLEY, PETER J	CERVICAL CANCER SCREENING PROGRAM
INSTITUTION TOTAL	1	19,100
CITY TOTAL	1	19,100
STATE TOTAL	1	19,100
19,100		

MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY	EDIDIN, MICHAEL FREEMAN, JOHN M. HENNEY, CHRISTOPHER S HENNEY, CHRISTOPHER S HOLLIS, DONALD MARGOLIS, SIMEON ROSEMAN, SAUL TALAMO, RICHARD C	STUDY OF MEMBRANE COMPONENTS OF CELL SURFACE FEASIBILITY STUDY FOR A COMPREHENSIVE EPILEPSY PROGRAM STUDY OF PROTEIN SYNTHETIC REQUIREMENTS FOR CYTOLYSIS IMPROVEMENT OF ASSAYS FOR CELL-MEDIATED IMMUNITY NMR TO BE STUDIED IN NEOPLASTIC AND NON-NEOPLASTIC TISSUES INVESTIGATE SERUM LIPID AND LIPOPROTEIN ABNORMALITIES BIOCHEMISTRY OF NORMAL AND TUMOR CELL SURFACE ANTIGENS ALPHA-1-ANTITRYPSIN REFERENCE LABORATORY
CB43922-00		50,819
NS42320-00		63,128
CB43932-00		53,317
CB43965-00		84,401
CB43911-00		60,701
AM42218-00		59,434
CB43985-00		64,000
HR42967-00		99,255
INSTITUTION TOTAL	8	535,055
CITY TOTAL	8	535,055

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND BETHESDA LITTON INDUSTRIES, INC.--LITTON BIOMETRICS CP43333-00	DEAN, JACK H	IMMUNOLOGICAL ASSAYS FOR DNA AND RNA VIRUSES	217,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		217,000
CHEVERLY INFORMATICS, INC.--INFORMATION SYSTEMS COMPANY LM44703-00	HYATT, CECIL A, JR	PREPARATION OF MEDLARS ABSTRACTS	281,641
INSTITUTION TOTAL	1		281,641
CITY TOTAL	1		281,641
ROCKVILLE ASPEN SYSTEMS CORPORATION CN45117-00	SEIFFERT, GERALD	A SURVEY OF CANCER CONTROL LAWS	143,793
INSTITUTION TOTAL	1		143,793
BIOSPHERICS, INC. CO45419-00	BARRETT, JEANNE	TECHNICAL WRITING SERVICES IN SUPPORT OF CANCER INQUIRIES	172,175
INSTITUTION TOTAL	1		172,175
CITY TOTAL	2		315,968
SILVER SPRING APPLIED MANAGEMENT SCIENCES LM44736-00	VIGNONE, JOSEPH A	DEVELOP SYSTEM FOR WRITING ABSTRACTS FOR AUDIOVISUAL MATERIALS	48,642
INSTITUTION TOTAL	1		48,642
CITY TOTAL	1		48,642
STATE TOTAL	13		1,398,306
MASSACHUSETTS BOSTON BOSTON UNIVERSITY CB43949-00 HR42934-00	DECKERS, PETER J FRANZBLAU, CARL	SUBCELLULAR FRACTION IN IMMUNOTHERAPY SEPARATION AND CHARACTERIZATION OF LUNG ELASTIN	58,586 73,217

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS BOSTON UNIVERSITY AM42212-00 HD42863-00	LOWENSTEIN, LEAH M POCHI, PETER E	LIPID ABNORMALITIES AND ATHEROGENESIS IN CHRONIC RENAL FAILURE STEROID HORMONE EFFECT ON SEBACEOUS GLAND SECRETION	29,466
INSTITUTION TOTAL	4	161,269	
CHILDREN'S CANCER RESEARCH FOUNDATION CB43964-00 CB43885-00	CHESS, LEONARD WEINER, ROY S	ISOLATION OF PERIPHERAL BLOOD MONONUCLEAR CELLS IMPROVEMENT OF ASSAYS FOR CELL-MEDIATED IMMUNITY	73,985 67,902
INSTITUTION TOTAL	2	141,887	
CHILDREN'S HOSPITAL HR42941-00 AM42214-00 CB43876-00 AI42550-00	MEDICAL CENTER GALLOP, PAUL M GRUPE, WARREN E PARKMAN, ROBERTSON SMITH, DAVID H	SEPARATION AND CHARACTERIZATION OF LUNG ELASTIN TRACE ELEMENT ABNORMALITIES IN CHILDREN WITH CHRONIC RENAL FAILURE EVALUATION OF HYBRID TUMOR CELLS HEMOPHILUS INFLUENZAE TYPE B STUDIES	52,392 50,627 29,505 126,067
INSTITUTION TOTAL	4	258,591	
FORSYTH DENTAL CENTER DE42438-00	TAUBMAN, MARTIN A	EFFICACY OF ANTIGENIC COMPONENTS IN ANTICARIES VACCINES	200,270
INSTITUTION TOTAL	1	200,270	
HARVARD UNIVERSITY AM42216-00	MORGAN, ALFRED P	MULTIVARIATE ANALYSIS OF DIALYSIS EFFICACY AND ITS RELATION TO EXCESS METHODS	84,873
INSTITUTION TOTAL	1	84,873	
MASSACHUSETTS GENERAL HOSPITAL CB43889-00 CB44005-00 HD42829-00	ALPERT, MORTON E DVORAK, HAROLD F JEANLOZ, ROGER W	STUDY OF TUMOR-ASSOCIATED ANTIGENS OF THE GI TRACT BIOCHEMISTRY OF NORMAL AND TUMOR-CELL SURFACE ANTIGENS BIOCHEMICAL CHARACTERISTICS OF CERVICAL MUCUS OF MACACA	53,947 38,154 197,693
INSTITUTION TOTAL	3	289,794	
NEW ENGLAND MEDICAL CENTER HOSPITAL CB43970-00 CB44000-00	BOREL, YVES R WALLACH, DONALD F	SELECTIVE STIMULATION OR SUPPRESSION OF IMMUNOLOGIC RESPONSES ORGANIZATION & DYNAMICS OF CELL SURFACE MEMBRANE COMPONENTS	51,000 98,000
INSTITUTION TOTAL	2	149,000	

NIH RESEARCH CONTRACTS			PAGE	48
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED	
MASSACHUSETTS BOSTON PETER BENT BRIGHAM HOSPITAL AI42552-00	CARPENTER, C B	EVALUATION OF HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	96,784	
INSTITUTION TOTAL	1		96,784	
ROBERT B. BRIGHAM HOSPITAL CB43958-00	SCHUR, PETER H	STUDY OF TUMOR-ASSOCIATED ANTIGENS OF THE GI TRACT	46,161	46,161
INSTITUTION TOTAL	1		46,161	
CITY TOTAL	19		1,428,629	
CAMBRIDGE BEHAVIORAL EDUCATION PROJECTS HD42848-00	BAKER, BRUCE L	BEHAVIOR MODIFICATION OF PARENTS WITH MENTALLY RETARDED CHILDREN	23,927	23,927
INSTITUTION TOTAL	1		23,927	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY CB43928-00	CATSIMPOULAS, NICHOLAS	IDENTIFICATION, SEPARATION, QUANTITATION & CHARACTERIZATION	105,166	105,166
CM43712-00	HECHT, SIDNEY M	SYNTHESIS OF BLEOMYCIN & STRUCTURAL MODIFICATIONS	56,551	56,551
INSTITUTION TOTAL	2		161,717	
CITY TOTAL	3		185,644	
EVERETT AVCO CORPORATION--EVERETT RESEARCH LABORATORY HB42961-00	NYILAS, E	EVALUATION OF BIOMATERIALS IN CONTACT WITH BLOOD	140,695	140,695
INSTITUTION TOTAL	1		140,695	
CITY TOTAL	1		140,695	
MAYNARD DIGITAL EQUIPMENT CORPORATION CB44007-00	NOT APPLICABLE	PROVISION OF LABORATORY COMPUTER SYSTEM	42,761	42,761
INSTITUTION TOTAL	1		42,761	
CITY TOTAL	1		42,761	
WILMINGTON PHOTON, INC. LM44731-00	NOT APPLICABLE	MAINTENANCE OF PHOTON ZIP MODEL 901 SYSTEM	39,330	39,330

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	39,330	
CITY TOTAL	1	39,330	
MASSACHUSETTS WORCESTER MASON RESEARCH INSTITUTE CB44010-00	MASON, MARCUS W	COMPILEATION OF ANTI-UTEROTROPIC ASSAY DATA	34,600
INSTITUTION TOTAL	1	34,600	
CITY TOTAL	1	34,600	
STATE TOTAL	26	1,871,659	
Michigan Ann Arbor UNIVERSITY OF MICHIGAN HD42868-00 HD42443-00 HD42857-00 HB42962-00 CB43936-C	BRADLEY, ROBERT M GRAVES, RICHARD C LEE, RONALD SCHULTZ, J S SHREFFLER, DONALD C	STUDY OF HISTOLOGICAL DEVELOPMENT OF UPPER AIRWAY RECEPTORS CLINICAL TRIAL TO ASSESS EFFECT OF TIE4 ON THE INCIDENCE OF HUMAN DENTAL CARIES ECONOMETRIC ANALYSIS OF UNITED STATES FERTILITY CHANGE EVALUATION OF COMPATIBILITY OF MATERIALS IN CONTACT WITH BLOOD IMPROVED DETECTION AND DEVELOPMENT OF H-2 STRAINS	30,800 78,160 60,097 91,987 70,669
INSTITUTION TOTAL	5	331,713	
CITY TOTAL	5	331,713	
Detroit Epilepsy Center of Michigan NS42317-00	RODIN, ERNST	FEASIBILITY STUDY FOR A COMPREHENSIVE EPILEPSY PROGRAM	83,043
INSTITUTION TOTAL	1	83,043	
CITY TOTAL	1	83,043	
EAST LANSING Michigan State University HB42947-00	SWEETLEY, CHARLES C	ISOLATION AND EVALUATION OF NEW PRODUCTS FROM PLASMA FRACTIONATION	137,357
INSTITUTION TOTAL	1	137,357	
CITY TOTAL	1	137,357	
STATE TOTAL	7	552,113	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MINNESOTA MINNEAPOLIS HONEYWELL CL42174-00	NOT APPLICABLE	CLINICAL LABORATORY INFORMATION SYSTEM	623,163
INSTITUTION TOTAL	1	623,163	
MINNEAPOLIS HEALTH DEPARTMENT CN45105-00	FINKELSTEIN, SIDNEY	PLANNING FOR A CERVICAL CANCER SCREENING PROGRAM	28,394
INSTITUTION TOTAL	1	28,394	
UNIVERSITY OF MINNESOTA NS42306-00 NS42310-00 CB43946-00 CB43948-00	CHOU, SHELLEY GUNNIT, ROBERT J MC KHANN, CHARLES F SCHMIDTKE, JON R	INTRAVENOUS ISOTOPE SCINTILLATION ANGIOGRAPHY FEASIBILITY STUDY FOR A COMPREHENSIVE EPILEPSY PROGRAM ROLE OF CIRCULATING TUMOR ANTIGENS IN IMMUNOTHERAPY ROLE OF MACROPHAGES IN TUMOR IMMUNOLOGY	69,500 74,265 79,000 64,315
INSTITUTION TOTAL	4	287,080	
CITY TOTAL	6	938,637	
ROCHESTER MAYO FOUNDATION CB43982-00 CN45120-00 CN45124-00	BAKER, H L BEAHS, OLIVER H DECKER, DAVID G	CLINICAL EVALUATION OF USE OF COMPUTERIZED TRANSAXIAL DEMONSTRATION OF CANCER REHABILITATION FACILITIES STUDY OF GENITAL TRACT ANOMALIES	119,570 209,822 86,560
INSTITUTION TOTAL	3	415,952	
CITY TOTAL	3	415,952	
STATE TOTAL	9	1,354,589	
MISSOURI COLUMBIA CANCER RESEARCH CENTER CN45095-00 CO45056-00	RODES, NED O TALBOT, TIMOTHY R	SUPPORT OF CANCER-DETECTION PROGRAM DEVELOPMENT OF ADMINISTRATIVE & FISCAL PROFILES FOR CANCER INSTITUTES	174,000 99,000
INSTITUTION TOTAL	2	273,000	
MISSOURI DEPARTMENT OF PUBLIC HEALTH AND WELFARE--ELLIS FISCHEL STATE CANCER HOSPITAL CN45108-00	SPRATT, JOHN S	CERVICAL CANCER SCREENING PROGRAM	33,062
INSTITUTION TOTAL	1	33,062	
CITY TOTAL	3	30,062	

**NIH  
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	3	306,062	
 <b>MONTANA</b>			
GREAT FALLS COLUMBUS HOSPITAL CB43935-00	STIMPFLING, JACK H	PROD. & DIST. OF RECOMBINANT OR MUTANT CONGENIC STRAINS OF MICE	28,000
INSTITUTION TOTAL	1	28,000	
CITY TOTAL	1	28,000	
 <b>HAMILTON</b>			
IVAN SORVALL, INC.--HAMILTON BIOCHEMICAL RESEARCH LABORATORY CP45609-00	PARKER, RENO	SUPPLY P3 AND CELL WALLS FROM MYCOBACTERIUM BOVIS	49,196
INSTITUTION TOTAL	1	49,196	
CITY TOTAL	1	49,196	
STATE TOTAL	2	77,196	
 <b>NEBRASKA</b>			
OMAHA CREIGHTON UNIVERSITY CB44003-00	LYNCH, HENRY T	BIOCHEM. & PHYSIOL. INVESTIGATIONS BASED ON FAMILIAL GENETIC PATTERNS	97,900
INSTITUTION TOTAL	1	97,900	
CITY TOTAL	1	97,900	
STATE TOTAL	1	97,900	
 <b>NEVADA</b>			
CARSON CITY NEVADA STATE DEPARTMENT OF HUMAN RESOURCES CN45110-00	TO BE NAMED	CERVICAL CANCER SCREENING PROGRAM	22,616
INSTITUTION TOTAL	1	22,616	
CITY TOTAL	1	22,616	
STATE TOTAL	1	22,616	
 <b>NEW JERSEY</b>			
BOUND BROOK UNION CARBIDE CORPORATION--BOUND BROOK TECHNICAL CENTER DE42436-00	ROBESON, LLOYD M	IMPROVED MATERIALS FOR EXTRAORAL PROSTHESES	119,533

**NIH  
RESEARCH CONTRACTS**

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	119,530	
CITY TOTAL	1	119,530	
NEW JERSEY			
CAMDEN			
INSTITUTE FOR MEDICAL RESEARCH	NICHOLS, WARREN W	SELECTION, PRODUCTION, CHARACTERIZATION, AND DISTRIBUTION	141,000
HD42865-00			
INSTITUTION TOTAL	1	141,000	
CITY TOTAL	1	141,000	
NEWARK			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--NEW JERSEY MEDICAL SCHOOL	BRIODY, B A	MAINTENANCE OF A VIRUS DIAGNOSTIC LABORATORY	159,507
CM43760-00			
INSTITUTION TOTAL	1	159,507	
CITY TOTAL	1	159,507	
NUTLEY			
HOFFMANN-LA ROCHE	NOT APPLICABLE	PURCHASE EDUCATIONAL FILM TO BE CIRCULATED ON FREE LOAN	6,021
LM44726-00			
INSTITUTION TOTAL	1	6,021	
CITY TOTAL	1	6,021	
RARITAN			
JOHNSON & JOHNSON--ORTHO PHARMACEUTICAL CORPORATION	NOT APPLICABLE	PURCHASE EDUCATIONAL FILM TO BE CIRCULATED ON FREE LOAN	15,792
LM44728-00			
INSTITUTION TOTAL	1	15,792	
CITY TOTAL	1	15,792	
STATE TOTAL	5	441,850	
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH	ROHOLT, OLIVER A	DETECTION OF ANTIGEN-BINDING ACTIVITY OF TRANSPLANTABLE T-CELL TUMORS	12,276
CB43924-00			
INSTITUTION TOTAL	1	12,276	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK ALBANY NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE HI42953-00	WESTERGAARD, PER	STEROID PATTERNS AND CORONARY RISK	60,295
INSTITUTION TOTAL CITY TOTAL	1 2		60,295 72,571
BUFFALO CHILDREN'S HOSPITAL AI42511-00	OGRA, PEARAY L	EVALUATION OF INACTIVATED INFLUENZA-VIRUS VACCINES	263,558
INSTITUTION TOTAL	1		263,558
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE CM43785-00	GRINDEY, GERALD B	BIOCHEMICAL STUDIES	54,851
INSTITUTION TOTAL	1		54,851
STATE UNIVERSITY OF NEW YORK AT BUFFALO CB43989-00 CB43977-00	BAHL, OM P BARNARD, ERIC A	IDENTIFICATION AND PURIFICATION OF ENDOGLYCOSIDASES	54,414
INSTITUTION TOTAL CITY TOTAL	2 4		72,583
NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE CB43953-00 CB43870-00	PARONETTO, FIORENZO ROSENFIELD, RICHARD E	IMMUNOFLUORESCENT DETECTION OF ANTIBODIES IN TUMOR CELLS DEVELOPMENT OF METHOD TO DETECT BLOOD IN FECES	76,694
INSTITUTION TOTAL	2		72,183
COLUMBIA UNIVERSITY CB43910-00 LM44718-00 CB44008-00	HILAL, SADEK K NOT APPLICABLE RIFKIND, RICHARD A	EVALUATION OF COMPUTERIZED TRANSAXIAL TOMOGRAPHY IN DIAGNOSIS OF BRAIN TUMORS COMPUTER INSTRUCTION PROGRAM ORGANIZATION AND DYNAMICS OF CELL SURFACE MEMBRANE	111,013 83,359 70,000
INSTITUTION TOTAL	3		264,372
COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK HB42951-00	ROWE, ARTHUR W	STUDY OF PRESERVATION OF GRANULOCYTES FOR TRANSFUSION	79,850
INSTITUTION TOTAL	1		79,850

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK			
NEW YORK	INSTITUTIONAL CINEMA SERVICE LM4429-00	PURCHASE EDUCATIONAL FILM TO BE CIRCULATED ON FREE LOAN NOT APPLICABLE	4,500
INSTITUTION TOTAL	1	4,500	
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES CN45123-00	BROWN, MARY	ONCOLOGY NURSING PROGRAMS IN CANCER CENTERS	105,362
CP43232-00	FITZGERALD, PATRICK J	IDENTIFICATION OF SITE OF ORIGIN OF HUMAN PANCREATIC ADENOCARCINOMA	66,885
CB43975-00	FITZGERALD, PATRICK J	DEVELOP METHODS FOR DETECTING PANCREATIC CANCER	153,293
INSTITUTION TOTAL	3	325,540	
MONTEFIORE HOSPITAL AND MEDICAL CENTER CB44002-00	FISHMAN, JACK	BIOCHEM. & PHYS. INVESTIGATIONS BASED ON FAMILIAL GENETIC PATTERNS	177,000
CB43963-00	KOSS, LEOPOLD G	EVALUATION OF HAPTEM TREATMENT	183,740
INSTITUTION TOTAL	2	360,740	
MOUNT SINAI MEDICAL CENTER HR42957-00	SILTBACH, LOUIS E	IN VITRO TEST FOR SARCOIDOSIS	117,711
INSTITUTION TOTAL	1	117,711	
NEW YORK CITY HEALTH SERVICES ADMINISTRATION--PUBLIC AI42543-00	PONS, MARCEL W	HEALTH RESEARCH INSTITUTE OF CITY OF NY DETECTION OF RESPIRATORY VIRUS GENOMES IN HUMAN TISSUES	42,153
INSTITUTION TOTAL	1	42,153	
NEW YORK UNIVERSITY CB43927-00	BASCH, ROSS S	STUDY OF MECHANISMS OF LYMPHOID CELL DIFFERENTIATION	43,654
NS42307-00	BRAUNSTEIN, PHILIP	STUDY OF INTRAVENOUS ISOTOPE SCINTILLATION	111,500
RS42165-00	NIEMANN, WENDELL H	TIMED-PREGNANT BABOONS, PAPIO PAPIO	9,000
INSTITUTION TOTAL	3	164,154	
PLENUM PUBLISHING CORPORATION LM44720-00	NOT APPLICABLE	REVIEW OF LITERATURE ON TERATOGENESIS	9,200
INSTITUTION TOTAL	1	9,200	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH CB43904-00	BENDICK, AARON	STUDY OF THE EFFECTS OF NUCLEIC ACID PREPARATIONS	79,000
INSTITUTION TOTAL	1	79,000	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK			
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER HD42819-00	BROWN, AUDREY K	PHOTOTHERAPY FOR NEONATAL HYPERBILIRUBINEMIA	88,615
CB43979-00	DAMADIAN, RAYMOND	NMR TO BE STUDIED IN NEOPLASTIC AND NON-NEOPLASTIC TISSUES	100,000
AM4226-00	FRIEDMAN, ELI A	DETERMINE CLINICAL EFFICACY OF OXIDIZED STARCH IN UREMIA	6,400
CB43955-00	TOLLES, WALTER E	NEW METHODS FOR OBTAINING MONODISPERSE GYNECOLOGIC CELL PREPARATIONS	98,611
INSTITUTION TOTAL	4		293,626
STELLA AND CHARLES GUTTMAN BREAST DIAGNOSTIC INSTITUTE CB44012-00	STRAX, PHILLIP	STUDY OF XEROMAMMOGRAPHY VERSUS FILM MAMMOGRAPHY	47,700
INSTITUTION TOTAL	1		47,700
YESHIVA UNIVERSITY CB43934-00	LILLY, FRANK	GENETIC CONTROL OF IMMUNE RESPONSE IN CANCER	39,858
NS42311-00	ROWAN, A JAMES	FEASIBILITY STUDY FOR A COMPREHENSIVE EPILEPSY PROGRAM	89,658
INSTITUTION TOTAL	2		129,516
CITY TOTAL	26		2,066,938
ROCHESTER			
UNIVERSITY OF ROCHESTER CB43896-00	FISCHER, HARRY W	DEVELOPMENT OF METHODS TO CLEANSE THE BOWEL	50,500
INSTITUTION TOTAL	1		50,500
CITY TOTAL	1		
SARANAC LAKE			
WILL ROGERS HOSPITAL HR42940-00	HOSPELHORN, VERNE D	SEPARATION AND CHARACTERIZATION OF LUNG ELASTIN	55,955
INSTITUTION TOTAL	1		55,955
CITY TOTAL	1		55,955
STATE TOTAL	34		2,691,370
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL CB43997-00	SCHWAB, JOHN H	STUDY OF HUMORAL OR CELLULAR IMMUNOLOGIC RESPONSES	49,926
INSTITUTION TOTAL	1		49,926

**NIH  
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	49,926	
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY CB44011-00	LESTER, RICHARD G	COMPARATIVE STUDY OF XEROMAMMOGRAPHY VERSUS FILM MAMMOGRAPHY	96,000
AM42224-00	PALMER, RICHARD A	IRON CHELATING AGENTS IN THE TREATMENT OF COOLEY'S ANEMIA	19,994
INSTITUTION TOTAL	2	115,994	
CITY TOTAL	2	115,994	
RESEARCH TRIANGL BECTON, DICKINSON AND COMPANY--RESEARCH CENTER ES42164-00	CAVENDER, F L	EFFECT OF EXPOSURE TO AIRBORNE ENVIRONMENTAL AGENTS	395,000
INSTITUTION TOTAL	1	395,000	
RESEARCH TRIANGLE INSTITUTE AM42225-00	PITT, C G	IRON CHELATING AGENTS IN THE TREATMENT OF COOLEY'S ANEMIA	35,129
INSTITUTION TOTAL	1	35,129	
CITY TOTAL	2	430,129	
STATE TOTAL	5	596,049	
OHIO			
CLEVELAND CASE WESTERN RESERVE UNIVERSITY AI42525-00	DANIEL, THOMAS M	SEROLOGIC TESTING OF MYCOBACTERIAL FRACTIONS	28,585
CB43990-00	HUBAY, CHARLES A	STUDIES & INVEST. ON THERAPY OF PATIENTS WITH CARCINOMA OF THE BREAST	173,500
INSTITUTION TOTAL	2	202,085	
CLEVELAND CLINIC HOSPITAL HV42960-00	NOSE, YUKIHIKO	DEVELOPMENT AND EVALUATION OF CARDIAC PROSTHESES	221,975
INSTITUTION TOTAL	1	221,975	
CITY TOTAL	3	424,060	
COLUMBUS OHIO COLLEGE LIBRARY CENTER LM44709-00	NOT APPLICABLE	PURCHASE OF AND MAINTENANCE OF OCLC-100 CRT TERMINAL	7,129
INSTITUTION TOTAL	1	7,129	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	7,129	
OHIO			
TOLEDO	MEDICAL COLLEGE OF OHIO AT TOLEDO HD42851-00	STUDY OF PROGESTERONE-BINDING PROTEINS	92,059
INSTITUTION TOTAL	1	92,059	
CITY TOTAL	1	92,059	
STATE TOTAL	5	523,248	
OKLAHOMA			
OKLAHOMA STATE UNIVERSITY HD42846-00	EISENTRAUEN, E J	SYNTHESIS OF ANTIFERTILITY COMPOUNDS	17,575
INSTITUTION TOTAL	1	17,575	
CITY TOTAL	1	17,575	
STATE TOTAL	1	17,575	
OREGON			
BEAVERTON	OREGON GRADUATE CENTER FOR STUDY AND RESEARCH HD42860-00	SYNTHESIS OF SECO AND NOR STEROIDAL COMPOUNDS	33,921
INSTITUTION TOTAL	1	33,921	
CITY TOTAL	1	33,921	
PORTLAND			
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER NS42316-00	DOW, ROBERT S GOODMAN, MORTON J	FEASIBILITY STUDY FOR COMPREHENSIVE EPILEPSY PROGRAM SUPPORT FOR CANCER-DETECTION PROGRAM	86,435 169,754
INSTITUTION TOTAL	2	256,189	
MEDICAL RESEARCH FOUNDATION OF OREGON HD42866-00	ALEXANDER, NANCY J	STUDY OF LONG-TERM EFFECT OF VASECTOMY IN RHECUS MONKEY	18,814
INSTITUTION TOTAL	1	18,814	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON DENTAL SCHOOL DE42444-00	LU, KUO H	STUDY OF EFFECT OF SPECIFIC METHODS OF FLUORIDE ADMINISTRATION	336,000
INSTITUTION TOTAL	1		336,000
CITY TOTAL	4		611,003
STATE TOTAL	5		644,924
 PENNSYLVANIA			
HERSHEY PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHY MEDICAL CENTER HD42869-00	MUNGER, BRYCE L	HISTOLOGY & CYTOLOGY OF MUCOSAL SENSORY RECEPTORS OF LARYNX, PHARYNX, & NOSE	58,823
INSTITUTION TOTAL	1		58,823
CITY TOTAL	1		58,823
 PHILADELPHIA			
FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA LM44708-00	NOT APPLICABLE	PREPARATION OF MAGNETIC TAPES FOR PESTICIDE BULLETIN	8,612
INSTITUTION TOTAL	1		8,612
THOMAS JEFFERSON UNIVERSITY CB43999-00	MAURER, PAUL H	SPECIFICITY OF ANTIGEN-BINDING RECEPTORS OF T-CELLS	57,084
INSTITUTION TOTAL	1		57,084
 UNIVERSITY OF PENNSYLVANIA			
CB43967-00	ARAI, KAZUHIKO	DEVELOPMENT OF METHOD TO PREPARE CYTOPATHOLOGY SPECIMENS	25,242
HR42943-00	ROSENBLUM, JOEL	SEPARATION AND CHARACTERIZATION OF LUNG ELASTIN	69,523
HR42955-00	ZWEIMAN, BURTON	IN VITRO TEST FOR SARCOIDOSIS	77,347
INSTITUTION TOTAL	3		172,112
 WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
CB43882-00	MANSON, LIONEL A	DEVELOPMENT OF ANIMAL MODELS	75,635
HR42956-00	STEPILEWSKI, ZENON S	IN VITRO TEST FOR SARCOIDOSIS	64,210
INSTITUTION TOTAL	2		139,845
CITY TOTAL	7		377,653

**NIH  
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
PENNSYLVANIA PITTSBURGH ALLENTOWN GENERAL HOSPITAL CM43730-00	LESHER, S	STUDY OF BIOLOGICAL EFFECT OF CHEMOTHERAPEUTIC DRUGS	79,305
INSTITUTION TOTAL CITY TOTAL	1 1		79,305
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY CB43931-00	KREIDER, JOHN W	STUDY OF IMMUNE-RELATED CELLS IN TUMORS	64,100
INSTITUTION TOTAL CITY TOTAL	1 1		64,100
WARRINGTON POLYSCIENCES, INC. CB43943-00	HALPERN, DAVID B	IMMUNOLOGICAL, ENZYMATIC AND OTHER BIOCHEMICAL MARKERS	158,270
INSTITUTION TOTAL CITY TOTAL	1 1		158,270
STATE TOTAL	11		738,151
RHODE ISLAND KINGSTON UNIVERSITY OF RHODE ISLAND CM43778-00	GOODMAN, LEON	SYNTHESIS OF NITROGEN HETEROCLUE COMPOUNDS	41,800
INSTITUTION TOTAL CITY TOTAL	1 1		41,800
PROVIDENCE RHODE ISLAND HOSPITAL CN45096-00	CONSTANTINE, HERBERT P	BREAST CANCER DETECTION DEMONSTRATION PROJECT	180,000
INSTITUTION TOTAL CITY TOTAL	1 1		180,000
STATE TOTAL	2		221,800

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
SOUTH CAROLINA COLUMBIA SOUTH CAROLINA STATE BOARD OF HEALTH CN45084-00	TO BE NAMED	EXPANSION OF SOUTH CAROLINA'S CERVICAL CANCER PROGRAM	63,343
INSTITUTION TOTAL	1		63,343
CITY TOTAL	1		63,343
STATE TOTAL	1		63,343
TENNESSEE NASHVILLE VANDERBILT UNIVERSITY NS42312-00	BARTEE, EDWIN M	FEASIBILITY STUDY FOR A COMPREHENSIVE EPILEPSY PROGRAM	70,749
INSTITUTION TOTAL	1		70,749
CITY TOTAL	1		70,749
STATE TOTAL	1		70,749
TEXAS DALLAS PRESBYTERIAN HOSPITAL OF DALLAS NS42314-00	NORTH, RICHARD R	FEASIBILITY STUDY FOR A COMPREHENSIVE EPILEPSY PROGRAM	51,712
INSTITUTION TOTAL	1		51,712
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS AI42531-00	BEER, ALAN E	MAMMALIAN PREGNANCY: CONDUCT A STUDY OF IMMUNOREGULATOR	86,957
INSTITUTION TOTAL	1		86,957
CITY TOTAL	2		138,669
GALVESTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON CB43906-00 HB42948-00	ABELL, CREED W BOWMAN, BARBARA H	STUDY OF GROWTH ALTERATION OF MAMMARY NEOPLASTIC CELLS ISOLATION OF NEW PRODUCTS FROM PLASMA FRACTIONATION	89,600 79,000
INSTITUTION TOTAL	2		168,600
CITY TOTAL	2		168,600

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
TEXAS HOUSTON BAYLOR COLLEGE OF MEDICINE EY42162-00	ANDERSON, ROBERT E GARBER, ALAN J GREENBERG, STEPHEN B HAZELWOOD, CARLTON KOHLER, PETER O NOT APPLICABLE RICH, ROBERT R	METHOD FOR LARGE SCALE PREPARATION OF ROD OUTER SEGMENTS ABNORMALITIES OF CARBOHYDRATE METABOLISM IN CHRONIC URENTIA CONDUCT STUDIES ON THE TRANSPORT OF INTERFERON ACROSS THE MUCOUS MEMBRANE NMR TO BE STUDIED IN NEOPLASTIC AND NON-NEOPLASTIC TISSUES STUDY OF ROLE OF STROMA IN GROWTH SELF-INSTRUCTIONAL PACKAGE FOR RECOGNITION OF SYMPTOMS IN LIFE-THREATENING EMERGENCY SUPPRESSION OF CELL-MEDIATED IMMUNE RESPONSES BY THYMUS-DERIVED SUPPRESSOR 89, 30C LYMPHOCYTES	26,175 55,000 96,459 76,458 76,500 32,433 89,30C
INSTITUTION TOTAL	7		452,325
INSTITUTE OF OPHTHALMOLOGY LM44730-00	NOT APPLICABLE	PURCHASE EDUCATIONAL FILM TO BE CIRCULATED ON FREE LOAN	2,500
INSTITUTION TOTAL	1		2,500
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER CB44004-00	ANDERSON, DAVID E ANDERSON, DAVID E DODD, GERALD D DRANE, JOE B HILKEMAYER, RENILDA	GENETIC POLYMORPHISMS IN HIGH AND LOW RISK BREAST CANCER ARYL HYDROCARBON AND 16D HYDROXYLOSE STUDIES-HIGH & LOW RISK BREAST CANCER COMPARATIVE STUDY OF XEROMAMMOGRAPHY VERSUS FILM MAMMOGRAPHY TRAINING PROGRAMS FOR MAXILLOFACIAL PROSTHODONTISTS ENTEROSTOMAL THERAPY EDUCATION PROGRAM	41,000 73,800 114,000 146,037 68,014
INSTITUTION TOTAL	5		442,851
CITY TOTAL	13		897,676
SAN ANTONIO UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO CB43893-00	HARRINGTON, JOHN T	IMPROVEMENT IN MIGRATION INHIBITION ASSAYS	97,787 97,787
INSTITUTION TOTAL	1		97,787
CITY TOTAL	1		97,787
TYLER TEXAS STATE DEPARTMENT OF HEALTH--EAST TEXAS CHEST HOSPITAL CN45066-00	HURST, GEORGE A	TYLER ASBESTOS WORKERS STUDY	472,289 472,289
INSTITUTION TOTAL	1		472,289
CITY TOTAL	1		472,289
STATE TOTAL	19		1,775,021

**NIH  
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
UTAH SALT LAKE CITY UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH AM42210-00 NS42305-00 HR42942-00 CM43806-00 NS42313-00	KOLFF, WILLEM J MC CANDLESS, GEARY A SANDBERG, LAWRENCE B TOWNSEND, LEROY B WOODBURY, DIXON M	CLINICAL EVALUATION OF SINGLE NEEDLE DIALYSIS DEVELOP A MANUAL FOR IMPEDANCE TESTING IN CHILDREN SEPARATION AND CHARACTERIZATION OF LUNG ELASTIN SYNTHESIS OF NUCLEOSIDES FEASIBILITY STUDY FOR A COMPREHENSIVE EPILEPSY PROGRAM	36,547 1,849 42,900 223,117 87,304
INSTITUTION TOTAL CITY TOTAL	5	400,717	
STATE TOTAL	5	400,717	
VIRGINIA ARLINGTON ASSOCIATION FOR HOSPITAL MEDICAL EDUCATION LM44732-00	NOT APPLICABLE	STUDY-ROLE OF COMMUNITY HOSPITALS IN CONTINUING EDUCATION	65,000
INSTITUTION TOTAL CITY TOTAL	1	65,000	
CHARLOTTESVILLE RAMADA INN OD42163-00	DONOVAN, GAIL	SUPPORT FOR CONFERENCE FOR NIH PROJECT OFFICERS	2,400
INSTITUTION TOTAL	1		
UNIVERSITY OF VIRGINIA NS42319-00 AI42512-00	DREIFUSS, F E WENZEL, RICHARD P	FEASIBILITY STUDY FOR COMPREHENSIVE EPILEPSY PROGRAM TESTING OF M PNEUMONIAE VACCINE	78,224 91,317
INSTITUTION TOTAL CITY TOTAL	2 3	169,541 171,941	
MC LEAN APPLIED SCIENCE ASSOCIATES LM44724-00	NOT APPLICABLE	PREPARATION OF SELF-INSTRUCTIONAL COURSE ON EMERGENCIES	24,779
INSTITUTION TOTAL CITY TOTAL	1 1	24,779 24,779	

**NIH  
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA SPRINGFIELD MELDY LABORATORIES HD42849-00	KORTRIGHT, KENNETH	PREPARATION OF GONADAL CELL MEMBRANES	74,960
INSTITUTION TOTAL	1		74,960
CITY TOTAL	1		74,960

VIENNA ENVIRONMENTAL SCIENCES CORPORATION--HAZLETON LABORATORIES AI42522-00	GOOD, ROBERT C	STUDY OF SKIN REACTIVITY OF MYCOBACTERIAL FRACTIONS	17,738
INSTITUTION TOTAL	1		17,738
CITY TOTAL	1		17,738

WILLIAMSBURG COLLEGE OF WILLIAM AND MARY HD42844-00	MCKENNA, VIRGIL V	STUDY OF PARENTAL ATTITUDES AND CHILDREN'S PERSONALITY	123,867
INSTITUTION TOTAL	1		123,867
CITY TOTAL	1		123,867
STATE TOTAL	8		478,285

WASHINGTON OLYMPIA WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES CN45104-00	LEAHY, ROBERT H	PLANNING FOR A CERVICAL CANCER SCREENING PROGRAM	44,648
INSTITUTION TOTAL	1		44,648
CITY TOTAL	1		44,648

SEATTLE UNIVERSITY OF WASHINGTON HD42839-00	ANDERSEN, WEILS H COUNTS, RICHARD B FINCH, CLEMENT A HAKOMORI, SEN-ITIROH HILLMAN, ROBERT S KIEHN, EDWARD D WARD, ARTHUR A	SYNTHESIS OF LUTEOLYTIC PROSTANOIDS THERAPEUTIC USE OF BOVINE FACTOR PRESERVATION OF GRANULOCYTES FOR TRANSFUSION BIOCHEMISTRY OF NORMAL & TUMOR CELL SURFACE ANTIGENS EDUCATIONAL PROGRAM EVALUATION AND DEVELOPMENT ORGANIZATION & DYNAMICS OF CELL SURFACE MEMBRANE COMPONENTS FEASIBILITY STUDY FOR COMPREHENSIVE EPILEPSY PROGRAM	55,316 69,600 80,827 54,059 72,906 23,502 71,162
INSTITUTION TOTAL	7		427,372

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
WASHINGTON SEATTLE VIRGINIA MASON FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH HD42870-00	SUTTON, DWIGHT	STUDYING INFANT PRIMATE UPPER AIRWAY: ANATOMY AND PHYSIOLOGY	102,847
INSTITUTION TOTAL	1		
CITY TOTAL	8		530,219
STATE TOTAL	9		574,867
WEST VIRGINIA MORGANTOWN WEST VIRGINIA UNIVERSITY CB43890-00	VELTRI, ROBERT W	STUDY OF TUMOR-ASSOCIATED ANTIGENS IN LUNG CANCER	103,895
INSTITUTION TOTAL	1		103,895
CITY TOTAL	1		103,895
STATE TOTAL	1		103,895
WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON CN45130-00	BRANDENBURG, JAMES H	PROJECT FOR HEAD AND NECK CANCER	77,334
CN45115-00	KOLTHOFF, NORMA J	ONCOLOGY NURSING PROGRAMS IN CANCER CENTERS	111,601
NS42308-00	KORNGUTH, STEVEN E	ETIOLOGY AND DIAGNOSIS OF MULTIPLE SCLEROSIS	113,888
CB43986-00	SMITHIES, OLIVER	BIOCHEMISTRY OF NORMAL AND TUMOR CELL SURFACE ANTIGENS	59,000
HB42949-00	WOODSON, ROBERT D	ABILITY OF STORED BLOOD TO TRANSPORT OXYGEN	35,876
INSTITUTION TOTAL	5		397,699
CITY TOTAL	5		397,699
MILWAUKEE ALDRICH CHEMICAL COMPANY AI42526-00	WARAWA, E J	SYNTHESIS OF 20 GRAMS OF MPN	37,900
INSTITUTION TOTAL	1		37,900
MEDICAL COLLEGE OF WISCONSIN AI42520-00	GROSSBERG, SIDNEY E	STUDY OF STABILITY OF HUMAN INTERFERON	53,598
INSTITUTION TOTAL	1		53,598
CITY TOTAL	2		91,498

**NIH  
RESEARCH CONTRACTS**

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	7	489,197	
WYOMING CHEYENNE WYOMING STATE DEPARTMENT OF HEALTH AND SOCIAL SERVICES CN45103-00	PARISH, HERMAN S	PLANNING FOR A CERVICAL CANCER SCREENING PROGRAM	11,875
INSTITUTION TOTAL	1	11,875	
CITY TOTAL	1	11,875	
STATE TOTAL	1	11,875	
AUSTRALIA PARKVILLE UNIVERSITY OF MELBOURNE CB43925-00	MCKENZIE, IAN F	SEROLOGIC AND IMMUNOGENETIC INVESTIGATIONS	39,550
INSTITUTION TOTAL	1	39,550	
CITY TOTAL	1	39,550	
STATE TOTAL	1	39,550	
CANADA BURNABY SIMON FRASER UNIVERSITY CP43338-00	CHOW, W L	STUDY OF N-NITROSO COMPOUNDS	11,960
INSTITUTION TOTAL	1	11,960	
CITY TOTAL	1	11,960	
STATE TOTAL	1	11,960	
FINLAND HELSINKI UNIVERSITY OF HELSINKI CB43923-00	MAKELA, V E	SPECIFICITY OF ANTIGEN-BINDING RECEPTORS ON T-CELLS	25,200
INSTITUTION TOTAL	1	25,200	
CITY TOTAL	1	25,200	

**NIH  
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
FINLAND TURKU UNIVERSITY OF TURKU CB43971-00	TOIVANEN, PAAVO	MECHANISMS OF LYMPHOID CELL DIFFERENTIATION	45,600
INSTITUTION TOTAL	1		45,600
CITY TOTAL	1		45,600
STATE TOTAL	2		70,800
FRANCE LYONS WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER CP45608-00	AGTHE, C	EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN	175,000
INSTITUTION TOTAL	1		175,000
CITY TOTAL	1		175,000
STATE TOTAL	1		175,000
ISRAEL REHOVOTH WEIZMANN INSTITUTE OF SCIENCE CB43930-00	MECHAMA, HARAN-GHERA	MECHANISMS BY WHICH TUMORS AVOID IMMUNE DESTRUCTION	83,830
INSTITUTION TOTAL	1		83,830
CITY TOTAL	1		83,830
STATE TOTAL	1		83,830
ITALY MILAN ISTITUTO NAZIONALE DEI TUMORI CM43726-00	VERONESI, UMBERTO	COORDINATING CENTER FOR THE CLINICAL STUDY OF MELANOMA	46,400
INSTITUTION TOTAL	1		46,400
CITY TOTAL	1		46,400
STATE TOTAL	1		46,400
NETHERLANDS AMSTERDAM NETHERLANDS CANCER INSTITUTE CB43940-00	CLETON, FRANS J	FAMILY AND GENETIC STUDIES IN HUMAN BREAST CANCER	75,100

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1		75,100
CITY TOTAL	1		75,100
STATE TOTAL	1		75,100
SWEDEN			
STOCKHOLM			
CAROLINE INSTITUTE	CASPERSSON, TORBJORN	NEW APPROACHES TO MARKERS APPLICABLE TO GYNECOLOGIC CYTOPATHOLOGY SPECIMENS	38,000
CB43945-00	KLEIN, EVA	HUMAN TUMOR ASSOCIATED ANTIGENS AND CORRESPONDING ANTIBODIES	44,600
CB43921-00			
INSTITUTION TOTAL	2		82,600
CITY TOTAL	2		82,600
STATE TOTAL	2		82,600
SWITZERLAND			
GENEVA			
INTERNATIONAL UNION AGAINST CANCER	DELAFFRESNAYE, JEAN F	INTERNATIONAL INVESTIGATION ON EPIDEMIOLOGY OF LYMPH	20,000
CP43292-00			
INSTITUTION TOTAL	1		20,000
CITY TOTAL	1		20,000
STATE TOTAL	1		20,000
UNITED KINGDOM			
LEATHERHEAD			
BRITISH FOOD MANUFACTURING INDUSTRIES RESEARCH ASSOCIATION	HOLMES, A W	DEVELOPMENT AND APPLICATION OF METHODS FOR N-NITROSO COMPOUNDS	25,000
CP43337-00			
INSTITUTION TOTAL	1		25,000
CITY TOTAL	1		25,000
STATE TOTAL	1		25,000
TOTAL	267		22,930,942

NIH  
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	UOLLARS AWARDED
CALIFORNIA IRVINE UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE AI00466-01			25,839
INSTITUTION TOTAL	1		25,839
CITY TOTAL	1		25,839
LA JOLLA UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO CA05274-01	SATO, GORDON H	CANCER BIOLOGY AND BIOCHEMISTRY	89,326
INSTITUTION TOTAL	1		89,326
CITY TOTAL	1		89,326
LOS ANGELES UNIVERSITY OF SOUTHERN CALIFORNIA CA05297-01	HALL, THOMAS C	INTERDISCIPLINARY CANCER RESEARCH TRAINING PROGRAM	154,276
INSTITUTION TOTAL	1		154,276
CITY TOTAL	1		154,276
STATE TOTAL	3		269,441
MARYLAND BALTIMORE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS HD00435-01	BARRACLOUGH, CHARLES A	PROGRAM IN REPRODUCTIVE ENDOCRINOLOGY	99,671
INSTITUTION TOTAL	1		99,671
CITY TOTAL	1		99,671
STATE TOTAL	1		99,671
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY AI00459-01	MEDOFF, GERALD	INFECTIOUS DISEASES	30,789
INSTITUTION TOTAL	1		30,789
CITY TOTAL	1		30,789
STATE TOTAL	1		30,789

NIH  
RESEARCH TRAINING GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
NEW YORK NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE AI00439-01A1	KILBOURNE, EDWIN D	RESEARCH TRAINING IN MEDICAL MICROBIOLOGY - IMMUNOLOGY	32,292
INSTITUTION TOTAL			32,292
CORNELL UNIVERSITY MEDICAL COLLEGE AI00465-01	ROBERTS, RICHARD B	TRAINING GRANT IN INFECTIOUS DISEASES	36,960
INSTITUTION TOTAL			36,960
CITY TOTAL			69,252
STATE TOTAL			69,252
TEXAS HOUSTON BAYLOK COLLEGE OF MEDICINE HD00444-01	O'MALLEY, BERT W	REPRODUCTIVE BIOLOGY: REGULATORY MECHANISMS	66,977
INSTITUTION TOTAL			66,977
CITY TOTAL			66,977
STATE TOTAL			66,977
WISCONSIN MILWAUKEE MEDICAL COLLEGE OF WISCONSIN AI00455-01	RYTEL, MICHAEL W	INFECTIOUS DISEASES, RESEARCH AND CLINICAL CARE	27,648
INSTITUTION TOTAL			27,648
CITY TOTAL			27,648
STATE TOTAL			27,648
TOTAL	9		563,778

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER		FELLOW	FIELD OF INTEREST	PROGRAM
ALABAMA				
BIRMINGHAM				
UNIVERSITY OF ALABAMA IN BIRMINGHAM				
NS02689-01	CARL, G FRANKLIN	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
RR00822-01	CREEL, RALPH M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02784-01	GARTLAND, GEORGE L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
DE01519-01	WEATHERINGTON, JOSEPH B	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
INSTITUTION TOTAL	4			
CITY TOTAL	4			
STATE TOTAL	4			
ARKANSAS				
LITTLE ROCK				
UNIVERSITY OF ARKANSAS MEDICAL CENTER				
CA02610-01	KAAB, MARY L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
INSTITUTION TOTAL	1			
CITY TOTAL	1			
STATE TOTAL	1			
CALIFORNIA				
BERKELEY				
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY				
NS01657-01	AHN, SOO-HYUNG	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02868-01	AMOLS, HOWARD I	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
NS01222-01	CALABRESE, RONALD L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA0244-01	JURNAK, FRANCES A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
EY57391-01	KELLY, AMY S	PHYSIOLOGY	F03	
CA02818-01	KUDRNA, ROBERT D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA00639-01	MISFIELD, DAYTON S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02671-01	O'BRIAN, SARAH C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
NS0310-01	PLATT, CHRISTOPHER J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA01750-01	ROUBLANT, JIRAYR R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA00307-01	SHEN, SHELDON S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02256-01	SHIRAIASHI, LEROY M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA03162-01	SHURBAY, ROBERT A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA00911-01	WALKER, THOMAS E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
NS00810-01	WALKER, RICHARD A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
NS01252-01	ZUKIN, RUTH S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
INSTITUTION TOTAL	16			
CITY TOTAL	16			

NIH RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	
CALIFORNIA DAVIS			
CA02427-01	UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01605-01	KUPOR, SEMOUR R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01521-01	RICE, ROBERT H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02831-01	WOLFE, STEVEN K	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
	WORLEY, MICHAEL B	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	
INSTITUTION TOTAL	4		
CITY TOTAL	4		
IRVINE			
CA03159-01	UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00031-01	MROTER, JAMES J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LA JOLLA			
CA02620-01	SALK INSTITUTE FOR BIOLOGICAL STUDIES	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00031-01	RASCHE, WILLIAM C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00031-01	WINKELHAK, JEFFREY L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	2		
CITY TOTAL	2		
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
CA01291-01	ALLISON, JAMES P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00006-01	CALLAHAN, GERALD N	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA03246-01	LISS, ALAN	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01028-01	VELT, BRUCE C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00089-01	WANG, ROBERT	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	5		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
CA02831-01	ANDERSON, NORMAN S, III	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INS006-2-01	ASH, JOHN F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INS002-01	BENSON, PETER J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INS01283-01	BOMBARDIER, ROCCO A, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INS03413-01	BOND, CLIFFORD W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00009-01	CHANG, CHENG-MING	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INS00926-01	EATON, ROBERT C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
ANS01810-01	EICHNER, RONALD D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM02121-01		POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

## PROGRAM

## FIELD OF INTEREST

## APPLICATION NUMBER FELLOW

CALIFORNIA		LOS ANGELES		UNIVERSITY OF SOUTHERN CALIFORNIA	
LA JOLLA	UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO	CA02390-01	AKESON, RICHARD A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
	HERSHFIELD, MICHAEL S	CA01757-01	ANTHONY, MARIETTA	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
	INGEBRETHSEN, WILLIAM R, JR	NS02160-01	BRYANT, HUGH L, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
	MATHER, JENNIE P	CA00821-01	COOK, JANET L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
	MATTHEWS, DAVID A	CA00024-01	DRAZIN, RAE E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
	REDELMAN, DOUGLAS D	CA01139-01	DUCKLES, SUE P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
	SANTERRE, ROBERT F	CA01005-01	LIDSKY, THEODORE I	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
	VAN BEVEREN, CHARLES P	CA02521-01	MC CONNELL, DOUGLAS H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	15	NS00930-01	RAUSCH, HELEN R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CITY TOTAL	22	CA01000-01	REDDY, ARAMREDDY L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		NS01607-01	SIMON, MARCIA L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		NS02797-01	SITKO, STEVEN T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		CA01419-01	STEWART, JAMES L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		CA00843-01	TOWNSEND, COURTNEY M, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	15	UNIVERSITY OF SOUTHERN CALIFORNIA			
		DE01631-01	BROWNELL, ANNA	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		CA02871-01	CHEN, RITA S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		CA01357-01	CHEN, YOUNG-CHANG	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		AM02036-01	CHEUNG, HERMAN S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		DE02095-01	CROISSANT, RICHARD D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		CA02480-01	GUDAUSKAS, GEDY A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		DE01237-01	GUENTHER, HAROLD L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		CA01822-01	HARDY, ROBERT E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		CA02899-01	PLAGER, CARL	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
		DE01448-01	SORGENTE, NINO	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	10				

**NIH  
RESEARCH FELLOWSHIP AWARDS**

PROGRAM

FIELD OF INTEREST

CALIFORNIA  
MENLO PARK  
STANFORD RESEARCH INSTITUTE  
NS00339-01      HANSON, ROBERT J., JR

INSTITUTION	TOTAL	1
CITY TOTAL		1

PASADENA  
CALIFORNIA INSTITUTE OF TECHNOLOGY  
CA00425-01      BELL, PAUL B., JR  
CA03416-01      CASEY, JAMES W  
CA02308-01      HUBERT, JEFFREY J  
CA00619-01      KLOTZ, JOAN L  
NS01022-01      LINDEN, CAROL D  
NS02177-01      VANDLEN, RICHARD L  
NS02166-01      WARE, RANDLE W

INSTITUTION	TOTAL	7
CITY TOTAL		7

SAN FRANCISCO  
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO  
NS00604-01      BARNEBEY, ALAN  
NS01335-01      BASBAUM, CAROL B  
NS00445-01      BLAIR, MARTHA L  
NS01365-01      CARLSON, STEVEN S  
AM00699-01      CHIU, WEN-HSIUNG  
HD54584-01      CONS, JEAN M  
CA00588-01      HOWARD, JEAN E  
NS00348-01      JACOB, PEYTON, III  
CA00555-01      MANTOS, JOHN J  
CA00011-01      MC COMBS, CANDACE E  
CA03267-01      MORRIS, VINCENT L  
NS00909-01      ORT, CAROL A  
NS00890-01      PUTNAM, ANNE H  
DE00397-01      RAHMAN, AQUILUR  
NS00611-01      RAPISARDI, SALVATORE C  
CA01985-01      RICHARDS, OLIVER C  
AM01483-01      RODRIGUEZ, HECTOR J

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO	ROSE, JAMES C SARGENT, PETER B WEIDNER, WILLIAM J YOSHIZUMI, FAITH K ZIPP, ADAM P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22 F22 F22
INSTITUTION TOTAL	22		
UNIVERSITY OF THE PACIFIC NS02405-01	ORME, FRANK W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	23		
SANTA BARBARA UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	JOHNSON, DAVID M MOLNAR, STEPHEN	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL	2		
CITY TOTAL	2		
SANTA CRUZ UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA CRUZ	GILLETTE, HARRY R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SEPULVEDA VETERANS ADMINISTRATION HOSPITAL CA02648-01	MATSUMOTO, LLOYD H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STANFORD STANFORD UNIVERSITY NS02337-01	AKIL, HUDA	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

## PROGRAM

## FIELD OF INTEREST

## APPLICATION NUMBER FELLOW

## CALIFORNIA

## STANFORD UNIVERSITY

CA00053-01	ALWINE, JAMES C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01960-01	BLUM, ARLENE D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00772-01	CHOIE, DAVID D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA0014-01	DEERING, REGINALD A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01959-01	ELIAS, LAURENCE	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01186-01	HUMPHREY, DAVID M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00417-01	KELLEMS, RODNEY E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA03239-01	LANDIS, ROBERT T, II	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01091-01	LUDUENA, MARILYN A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01680-01	LUTWICK, LARRY I	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00104-01	MERUELLO, DANIEL	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM03294-01	PESANTI, EDWARD L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01676-01	SMITH, CHARLES A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01009-01	STACH, ROBERT W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	15		
CITY TOTAL	15		
STATE TOTAL	117		

## COLORADO

## BOULDER

## UNIVERSITY OF COLORADO

CA03191-01	IMADA, MASARU	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00797-01	VEOMETT, GEORGE E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

INSTITUTION TOTAL	2		
CITY TOTAL	2		

## DENVER

## UNIVERSITY OF COLORADO MEDICAL CENTER

HL02459-01	BOYKIN, JOHN L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01338-01	CRONIN, ROBERT E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01948-01	HOHMANN, LYNDIA M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02599-01	LAND, LANAY, J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01080-01	OTSUKA, ALVIN L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01170-01	SPEERS, WENDELL C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA03317-01	STONINGTON, OLIVER G, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02182-01	WENTHOLD, ROBERT J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01989-01	WOLFE, BARRY B	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	9		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	CITY TOTAL	FIELD OF INTEREST		PROGRAM
			STATE	CITY	
COLORADO					
FORT COLLINS					
COLORADO STATE UNIVERSITY					
HL03075-01	BUTTERFIELD, ARTHUR B		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01234-01	FORD, MICHAEL E		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA03397-01	WINSOR, TERROL F		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL		3			
CITY TOTAL		3			
STATE TOTAL		14			
CONNECTICUT					
FARMINGTON					
UNIVERSITY OF CONNECTICUT HEALTH CENTER					
DE01297-01	DIETRICH, JOHN W		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL		1			
CITY TOTAL		1			
NEW HAVEN					
YALE UNIVERSITY					
AM03040-01	ASTERITA, MARY F		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00853-01	BARNES, WILLIAM T		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02499-01	BEAM, KURT G, JR		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02145-01	BERD, DAVID A		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02293-01	BOURGUIGNON, GERARD J		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00952-01	CARDINALE, FRANCIS S		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01716-01	CHOI, R LESLIE		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02297-01	COGGSHALL, JOHN C		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
HL02476-01	D'ATRI, DAVID A		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01366-01	DE PASQUALE, ALBERT M		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM02262-01	FORBUSH, BLISS III		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS03016-01	HEGSTRAND, LINDA R		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02491-01	KIM, JUNG H		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00090-01	KAORI, ANN MARGARET		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02727-01	LIEBKKE, EVELYN H		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01531-01	LIU, ALICE Y		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02475-01	MULLENS, PATRICK L		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS00927-01	ROSS, WILLIAM N		POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CONNECTICUT NEW HAVEN YALE UNIVERSITY CA01323-01 NS00873-01	TALCOTT, RONALD E TENSER, RICHARD B	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL CITY TOTAL	20 20		
STATE TOTAL	21		
DELAWARE NEWARK UNIVERSITY OF DELAWARE CA02422-01	WYATT, JAMES L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	1		
FLORIDA GAINESVILLE STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA CA01539-01 NS02469-01 DE00859-01	LAHAM, MICHEL N REEFS, HOWARD D WALDRON, JOSEPH M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22
INSTITUTION TOTAL CITY TOTAL	3 3		
TALLAHASSEE STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY NS00178-01	LEVY, CAROLYN J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	4		
GEORGIA ATHENS UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA CA00503-01	BRABHAM, DALE E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
<b>GEORGIA</b>			
ATHENS UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA RR04071-01 CA01688-01	COLLINS, MICHAEL T GUILFOYLE, THOMAS J	MICROBIOLOGY POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL CITY TOTAL	3 3		
<b>ATLANTA</b>			
ATLANTA EMORY UNIVERSITY DE03073-01 CA00577-01	BUTLER, MILTON F OLESKE, JAMES M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL CITY TOTAL	2 2		
STATE TOTAL	5		
<b>HAWAII</b>			
HONOLULU UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA CA03257-01	MATHEWS, ROBERT A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	1		
<b>ILLINOIS</b>			
CHICAGO MICHAEL REESE HOSPITAL AND MEDICAL CENTER CA00717-01	BEDNAR, THOMAS W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
<b>NORTHWESTERN UNIVERSITY</b>			
CHRISTENSEN, MARY L LARSON, BRUCE A CA01569-01 AM04043-01		POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL	2		

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
ILLINOIS			
CHICAGO			
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
CA03113-01	ESTES, JOHN E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA03628-01	MORTENSEN, RICHARD F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	2		
UNIVERSITY OF CHICAGO			
NS00413-01	BERNSTEIN, LAWRENCE P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
HL00517-01	FLESS, GUNTHER M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00590-01	KRISHNAMACHARI, NARASIMHAN	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01742-01	LAYDEN, THOMAS J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00332-01	NELSON, CHARLES E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00341-01	PRITCHETT, RANDALL F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00978-01	SCHECHTER, ESTHER M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS0335C-01	SCHOR, ROBERT H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM00421-01	VAN ZANT, GARY E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	9		
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			
HL00812-01	JAMPOL, LEE M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	15		
EVANSTON			
NORTHWESTERN UNIVERSITY			
HL00892-01	CRAMER, DEWEY B	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA			
CA00758-01	LEAMNISON, ROBERT N	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00467-01	MC MILLAN, JOYCE A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	18		

**NIH  
RESEARCH FELLOWSHIP AWARDS**

PROGRAM

FIELD OF INTEREST

PROGRAM

INDIANA	INDIANAPOLIS	INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS	INDIVIDUAL RESEARCH FELLOWSHIP
	DEO1274-01	MELNICK, MICHAEL	POSTDOCTORAL
	NS01194-01	ROSE, SUSAN	POSTDOCTORAL
			INDIVIDUAL RESEARCH FELLOWSHIP
			INSTITUTION TOTAL

LAFAYETTE PURDUE UNIVERSITY ROBINSON, J MICHAEL  
CA02437-01 POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP  
INSTITUTION TOTAL 1  
CITY TOTAL 1

F22  
NOTRE DAME UNIVERSITY OF NOTRE DAME CHANG, CHIENKUO F  
CA01103-01  
INSTITUTION TOTAL 1  
CITY TOTAL 1  
STATE TOTAL 4

IOWA CITY UNIVERSITY OF IOWA  
NS00884-01 CA01341-01 CA00408-01 NS02170-01 NS00490-01  
KONKOL, RICHARD J ODOM, ROBERT E PETERSON, DARREL L RITTER, ROBERT C ZIMMERMAN, GERALD N  
POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP  
F22 F22 F22 F22 F22

KANSAS KANSAS CITY UNIVERSITY OF KANSAS CA04077-01 GILLESPIE, GEORGE Y., III MICROBIOLOGY

**NIH  
RESEARCH FELLOWSHIP AWARDS**

PAGE

81

**PROGRAM**

**FIELD OF INTEREST**

**APPLICATION NUMBER**

**FELLOW**

INSTITUTION TOTAL	1
CITY TOTAL	1

**KANSAS**

**LAWRENCE**

**UNIVERSITY OF KANSAS**

NS01426-01

NS01835-01

MARECKI, PAUL E  
REID, JACK R

INSTITUTION TOTAL	1
CITY TOTAL	2
STATE TOTAL	3

**KENTUCKY**

**LEXINGTON**

**UNIVERSITY OF KENTUCKY**

NS00313-01

LUDOMIAK, KENNETH D

INSTITUTION TOTAL	1
CITY TOTAL	1
STATE TOTAL	1

**KENTUCKY**

**LEXINGTON**

**UNIVERSITY OF KENTUCKY**

NS00313-01

MARECKI, PAUL E  
REID, JACK R

INSTITUTION TOTAL	1
CITY TOTAL	2
STATE TOTAL	3

**LOUISIANA**

**BATON ROUGE**

**LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY AT BATON ROUGE**

CA01157-01

HAWKINS, ERIN

INSTITUTION TOTAL	1
CITY TOTAL	1
STATE TOTAL	1

**LOUISIANA**

**LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY AT BATON ROUGE**

CA01157-01

HAWKINS, ERIN

INSTITUTION TOTAL	1
CITY TOTAL	1
STATE TOTAL	1

**MARYLAND**

**BALTIMORE**

**JOHNS HOPKINS HOSPITAL**

NS01769-01

NS01577-01

PESTRONK, ALAN  
ROOS, RAYMOND P

INSTITUTION TOTAL	2
-------------------	---

POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP
POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP

F22	F22
F22	F22

## PROGRAM

## FIELD OF INTEREST

## APPLICATION NUMBER FELLOW

## MARYLAND BALTIMORE

JOHNS HOPKINS UNIVERSITY CA01188-01	ADLER, STUART P	INDIVIDUAL RESEARCH FELLOWSHIP	F22
RR00655-01	ALSAKER, RICHARD D	INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM02202-01	AMATRUDA, JOHN M	INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01224-01	AMRHEIN, JAMES A	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01654-01	BURT, DAVID R	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02347-01	CASPARY, WILLIAM J	INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM02035-01	DANISH, ROBERT K	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01924-01	HAMIL, BRUCE W	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01414-01	HUANG, DONNA D	INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01876-01	JACOBS, STEVEN J	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01618-01	JELUS, BARBARA L	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01367-01	KETNER, GARY W	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02195-01	KRISTT, DONALD A	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02016-01	LEUTZINGER, ELDON E	INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM02180-01	MICHAELS, ANGELA A	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00174-01	MUZYCKA, NICHOLAS	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00085-01	NOVROS, JOEL S	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01301-01	OSTER-GRANITE, MARY L	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01841-01	RESNICK, STEFFI B	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01209-01	SCOTT, WALTER A	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01056-01	SINNOTT, JOAN M	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02312-01	SPANGLER, STANLEY G	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01150-01	TALLAL, PATRICIA P	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02911-01	TENNEKON, GHAN I	INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01121-01	THORN, RICHARD M	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS00021-01	TIFFERT, J TERESA	INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01093-01	YIN, TOM	INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	27		
CITY TOTAL	29		

## BETHESDA

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH AM000283-01	BAR, ROBERT S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01102-01	BROADWELL, RICHARD D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00816-01	CABRADILLA, CIRILO D, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
HL00190-01	DOCKS, EDWARD L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
DE02354-01	GLUCK, LAURIE F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
DE02071-01	GREENBERG, JUDITH	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
DE00424-01	GREENE, ROBERT M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
DE000105-01	GROHSMAN, JONATHAN M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

## APPLICATION NUMBER      FELLOW      FIELD OF INTEREST

## PROGRAM

MARYLAND	BETHESDA	U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH	FELLOWSHIP	FIELD OF INTEREST
AM02055-01	HANSON, LOUISE I	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02305-01	HOLDEN, HOWARD T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
AM02261-01	KOSMAKOS, FRANK C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
DE03079-01	LIU-CHEN, THERESA T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA01072-01	LONGFELLOW, DAVID G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
DE01500-01	MARTIN, B DAMON	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
NS01123-01	NEALE, JOSEPH H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
DE01889-01	OHWAKI, KYOKO	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
DE03164-01	ORKIN, ROSLYN W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
GM55806-01	ROSENTHAL, LEONARD J	BIOCHEMISTRY	F03	
CA00533-01	SILVA, ROBERT F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA00078-01	SIMMONS, DANIEL T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02128-01	SMITH, RICHARD G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
DE02070-01	SMUTS, MARY E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02366-01	TAYLOR, MARILYN J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
NS0309-01	TRISLER, GAIL D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
DE01916-01	WAHL, LARRY M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
AM00829-01	WELTON, ANN F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
	INSTITUTION TOTAL	26		
	CITY TOTAL	26		
	STATE TOTAL	55		
MASSACHUSETTS				
BOSTON	BOSTON UNIVERSITY			
AM00612-01	BOGUSKY, RONALD T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02720-01	CHEN, SYLVIA S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA01761-01	CUKOR, GEORGE	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
HL02613-01	JORDAN, ROBERT E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
AM00440-01	MOXEY, CARL F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
NS01650-01	RICKS, NANCY L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
AM01044-01	SIEGEL, M BARRY	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
HL02892-01	WEINER, JEROLD M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
CA02269-01	YONKOSKY, DONNA M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
	INSTITUTION TOTAL	9		
CHILDREN'S CANCER RESEARCH FOUNDATION	CA02189-01	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	
	INSTITUTION TOTAL	1		

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	INSTITUTION	TOTAL	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP
MASSACHUSETTS BOSTON CHILDREN'S HOSPITAL NS01859-01	MEDICAL CENTER BREAKFIELD, XANDRA O		HARVARD UNIVERSITY	1		
CA03037-01	ANDERSON, RICHARD A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
NS01220-01	CANT, NELL W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00819-01	CHEN, GEORGE T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA01535-01	CHOU, ITH-NAN G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
NS01094-01	Farb, David H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00779-01	FOSTER, LAURENCE R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
NS03002-01	FRAZIER, WILLIAM A, III	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00279-01	GRUFFERMAN, SEYMOUR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
AM01041-01	HAGG, SIGRID A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
NS00171-01	HERRUP, KARL F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
AM02545-01	HOFFMAN, ROBERT M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
AM00781-01	IRR, JOSEPH D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00818-01	KIJEWSKI, PETER	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
AM00183-01	KNOWLER, WILLIAM C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00820-01	LARSEN, RONALD D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00982-01	MAREFAT, MAHPAREH P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
AM00979-01	MARTIN, THOMAS F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA01163-01	MAY, JOE T, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
NS01828-01	MURPHY, RICHARD A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00566-01	PEAVY, DUANE L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
NS01784-01	REICHARDT, LOUIS F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00898-01	REINSTEIN, LAWRENCE E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA02271-01	RINALDO, CHARLES R, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA02275-01	SAXE, LINDA S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA00543-01	SCHAFFHAUSEN, BRIAN S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
NS01152-01	SELKOE, DENNIS J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
NS02641-01	SMITH, GERALD N, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
AM00449-01	SOLOMON, RICHARD J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA01994-01	STILLER, RONALD A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22
CA01351-01	VEILLON, CLAUDE	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F02	F02
AM55800-01	WARNER, RONALD R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F02	F02
NS03409-01	WOODWARD, WILLIAM R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22	F22

MOLINISI 101

MASSACHUSETTS EYE AND EAR INFIRMARY  
NS03048-01 BAUER, JAY W

## POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
<b>MASSACHUSETTS</b>			
BOSTON			
MASSACHUSETTS GENERAL HOSPITAL			
NS01674-01	HOCBERG, FRED H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01213-01	LEVINE, DAVID N	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01970-01	PESSIN, MICHAEL S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01832-01	WARD, JONATHAN B, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	4		
NEW ENGLAND MEDICAL CENTER HOSPITAL			
CA00528-01	KWOCK, LESTER	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
PETER BENT BRIGHAM HOSPITAL			
CA02175-01	HUNTER, CARRIE P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01629-01	MOORE, THOMAS J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	2		
TUFTS UNIVERSITY			
CA02920-01	ANDERSON, BARRIE	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00064-01	DOELLGAST, GEORGE J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01289-01	GERHARDT, ROBERT E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00883-01	MILLER, MICHAEL S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	2		
CITY TOTAL	55		
CAMBRIDGE			
HARVARD UNIVERSITY	KOZIKOWSKI, ALAN P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS00660-01	LONSBURY-MARTIN, BRENDA L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS00481-01	WIER, CRAIG C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS03434-01			
INSTITUTION TOTAL	3		
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
CA02391-01	BERGET, SUSAN M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01599-01	BROWN, EUGENE L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02168-01	COOPER, CAROLE S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02101-01	HERKENHAM, MILES A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01158-01	HOHD, ROBERT A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS CAMBRIDGE			
MASSACHUSETTS CA02169-01	INSTITUTE OF TECHNOLOGY KOHLER, SUSAN J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02715-01	SIEGEL, DOROTHY C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00799-01	STORTI, ROBERT V	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02534-01	UDIN, SUSAN P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS00796-01	WOLF, CATHERINE D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01269-01	WURTMAN, JUDITH J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	11		
CITY TOTAL	14		
SHREWSBURY WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY CA00107-01	SLATER, MARTIN L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
WALTHAM BRANDEIS UNIVERSITY CA00082-01	FELDBERG, ROSS S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	71		
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN	ANDRY, MICHAEL L BRAFORD, MARK R, JR KORAL, KENNETH F NEARY, TIMOTHY J PIRBAZARI, MASSEEH	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22 F22 F22
INSTITUTION TOTAL	5		
CITY TOTAL	5		

**NIH  
RESEARCH FELLOWSHIP AWARDS**

PROGRAM

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MICHIGAN EAST LANSING MICHIGAN STATE UNIVERSITY CA01450-01 CA00755-01 AM0167-01	LEAVITT, JOHN C STUART, SARAH E THOMPSON, RAYMOND H, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22
INSTITUTION TOTAL CITY TOTAL	3 3		
STATE TOTAL	8		
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA DE00846-01 HL02612-01 CA03015-01 HL00247-01 CA02852-01 HL03161-01 CA02756-01 CA00800-01 AM00916-01 AM02532-01 HL03304-01 DE00709-01	ANDERSON, LEIGH C BROWN, DAVID R DE LA MAZA, LUIS M EINZIG, STANLEY FERGUSON, RONALD M HANSON, ROBERT N KUHL, JURGEN F MARZ, RICHARD O MC EVoy, ROBERT C NICOL, SUSAN E PROBSTFIELD, JEFFREY L STAAT, ROBERT H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22
INSTITUTION TOTAL	12		
VETERANS ADMINISTRATION HOSPITAL NS00842-01	SALVATORE, ANTHONY P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	1 13		
ROCHESTER MAYO FOUNDATION CA02204-01	O'FALLON, WILLIAM M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
MAYO FOUNDATION--MAYO CLINIC AM00783-01	LAMBERT, PHILLIP W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MINNESOTA ROCHESTER MAYO FOUNDATION--MAYO MEDICAL SCHOOL HL03215-01	JOHNSON, STEVEN A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
INSTITUTION TOTAL CITY TOTAL	1 3	
SAIN T PAUL UNIVERSITY OF MINNESOTA CA01621-01	EPSTEIN, MILES L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
INSTITUTION TOTAL CITY TOTAL	1 1	
STATE TOTAL	17	
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY DE02604-01	ADAMS, ROGER J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
NS03043-01	BANKER, GARY A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
CA00762-01	CRAMER, STEWART F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
NS00166-01	GOTTLIEB, DAVID I	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
NS03154-01	HAYNOR, DAVID R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
NS01105-01	KENDRICK, NANCY C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
AM01471-01	MC DONALD, JAY M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
CA00277-01	MERRILL, RONALD C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
CA00149-01	PHELAN, ELNA T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
NS00757-01	PULLIAM, MORRIS W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
NS01601-01	ROSS, CHARLES D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
CA00544-01	ZIMMER, STEPHEN G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
INSTITUTION TOTAL CITY TOTAL	12 12	
STATE TOTAL	12	
NEW HAMPSHIRE HANOVER DARTMOUTH COLLEGE NS00246-01	BOULTER, JAMES R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP F22
INSTITUTION TOTAL	1	

NIH RESEARCH FELLOWSHIP AWARDS

**FIELD OF INTEREST**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL			
STATE TOTAL	1	1	1

NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY			
CAO1829-01	SINHA, NAVIN K	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL
CAO3408-01	TOPAL, MICHAEL D	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM		
			POSTDOCTORAL	INDIVIDUAL RESEARCH	FELLOWSHIP
NEW YORK ITHACA CORNELL UNIVERSITY NS00432-01 CA00826-01 CA02670-01 NS01043-01 NS00823-01 CA02770-01 NSQ2675-01	AXELROD, DANIEL HO, CHIH-YUNG LONG, MICHAEL E MC QUARRIE, IRVINE G SASTRE, ANTONIO SHERTZER, HOWARD G WOOLF, NIGEL K	POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL	INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH	FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP	F22 F22 F22 F22 F22 F22 F22
INSTITUTION TOTAL CITY TOTAL	7	7			
NEW YORK CITY UNIVERSITY OF NEW YORK--GRADUATE SCHOOL AND UNIVERSITY CENTER NS01057-01	WALTZMAN, SUSAN B	POSTDOCTORAL	INDIVIDUAL RESEARCH	FELLOWSHIP	F22
INSTITUTION TOTAL	1				
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE NS01639-01 CA02600-01	SEKULER, MARIAN SYED, HASAN H	POSTDOCTORAL POSTDOCTORAL	INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH	FELLOWSHIP FELLOWSHIP	F22 F22
INSTITUTION TOTAL	2				
COLUMBIA UNIVERSITY AM04044-01 CA02751-01 AM02306-01 NS01438-01 NS02699-01 NS01542-01 AM01728-01 AM01668-01 NS01458-01 NS01885-01 A155898-01	BIRKEN, STEVEN CARTER, TIMOTHY H COLLINS, JANNA C DEVORE, DAVID I EISENMAN, LEONARD M GOLDBERG, DANIEL J GREENWOOD, MARY R LICHENSTEIN, ERIC S LO PRESTI, VINCENT C WEISS, CLAUDIOUSZ R WENDER, PAUL A	ENDOCRINOLOGY POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL POSTDOCTORAL CHEMISTRY	INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH	FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP FELLOWSHIP	F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F02
INSTITUTION TOTAL	11				
CORNELL UNIVERSITY MEDICAL COLLEGE NS00733-01 AM01387-01	BURSZTAJN, SHERRY COSTANZO, LINDA S	POSTDOCTORAL POSTDOCTORAL	INDIVIDUAL RESEARCH INDIVIDUAL RESEARCH	FELLOWSHIP FELLOWSHIP	F22 F22

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
CORNELL UNIVERSITY MEDICAL COLLEGE	KLIGFIELD, PAUL D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
HL03228-01	LEVY, DAVID E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02218-01	LOCKWOOD, ALAN H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL			5
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES	GRAHAM, MARTIN C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00403-01			
INSTITUTION TOTAL			1
NEW YORK UNIVERSITY	BYRNE, JOHN H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS03076-01	CHABORA, JOHN T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02326-01	FINKELSTEIN, THEODORE T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02088-01	LERMAN, STEPHEN P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02127-01	MARGOLIS, SHEILA	PATHOLOGY	F03
EY57045-01	SCHWARTZ, JESSICA	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM02524-01			
INSTITUTION TOTAL			6
ROCKEFELLER UNIVERSITY	COFFMAN, GARY K	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA03088-01	COHEN, ROCHELLE S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS00742-01	COSTANZO, RICHARD M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS00297-01	FAUST, IRVING M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM02014-01	PINTER, ABRAHAM	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02214-01	TURNER, BARBARA A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02541-01	VALINSKY, JAY E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00089-01	WOLF, BARBARA A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02607-01	YAGI, MARY J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01522-01			
INSTITUTION TOTAL			9
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	BALL, WILLIAM J, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01332-01	BERLINGER, NORMAN T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01311-01	CAREY, THOMAS E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01313-01	FAMULARI, NANCY G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01706-01	LIEPINS, ANDREJS	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01247-01	SCHMIDT, MOSHE	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01385-01	SLATER, LEWIS M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01249-01			
INSTITUTION TOTAL			9

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
NEW YORK			
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA00182-01	SNYDER, HARRY W, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	8		
STATE UNIVERSITY OF NEW YORK--STATE COLLEGE OF OPTOMETRY			
CA00484-01	STEVENS, VICTOR J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
YESHIVA UNIVERSITY			
AM00396-01	BOMBACK, FREDRIC M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS00460-01	HOMAN, RICHARD W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM00702-01	JOHN, EUNICE G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM00130-01	SCHOENEMAN, MORRIS J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM00129-01	SCHWARTZ, GEORGE J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS01666-01	TEETER, JOHN H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	6		
CITY TOTAL	50		
ROCHESTER			
EASTMAN DENTAL CENTER	WAITKUS, ALEXANDER M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
DE00970-01			
INSTITUTION TOTAL	1		
UNIVERSITY OF ROCHESTER			
NS00291-01	BEGENISICH, TED B	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
HL00676-01	DANIEL, ALAN	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01747-01	LAZAR, JEROME M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA03354-01	SPATARO, ANN C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	4		
CITY TOTAL	5		
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
CA02216-01	CHI, YVONNE Y	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02156-01	HANTMAN, RONALD P	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02173-01	PARISI, JOSEPH E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

**NIH  
RESEARCH FELLOWSHIP AWARDS**

PAGE

93

**PROGRAM**

**APPLICATION NUMBER**    **FELLOW**    **FIELD OF INTEREST**

NEW YORK			SYRACUSE STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			SHELTON, WESLEY W., JR.			POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP			F22									
NS03338-01																					
INSTITUTION TOTAL			4																		
CITY TOTAL			4																		
STATE TOTAL			79																		
<b>NORTH CAROLINA</b>																					
<b>CHAPEL HILL</b>																					
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL																					
DE01617-01	BOACKLE, ROBERT J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	CA01333-01	CARVER, JUNE R	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	DE01658-01	GONNERMAN, WAYNE A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	AM02321-01	GWINNE, JOHN T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22						
DE01686-01	HAYNES, JIMMIE A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	DE01686-01	TAPPER, EDWARD J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	AM01879-01		POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22										
INSTITUTION TOTAL			6																		
CITY TOTAL			6																		
<b>DURHAM</b>																					
<b>DUKE UNIVERSITY</b>																					
HL58305-01	ANDERSON, PAGE A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F03	NS01364-01	BUTTERFIELD, DAVID A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	NS03137-01	GLDENNING, ROBERT L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	CA02325-01	HOLDER, WALTER D., JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22						
CA02311-01	KOONS, LAWRENCE S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	NS02381-01	LANGLEY, ALBERT E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	AM00919-01	LEDBETTER, FREEMAN H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	CA02382-01	MANDETTA, DONALD F	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22						
HL02814-01	RANKIN, JAMES S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	NS01322-01	SALIN, MARVIN L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	NS02125-01	SCHAFFER, JAMES M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22	NS02208-01	SISK, MICHAEL A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22						
INSTITUTION TOTAL			12																		
CITY TOTAL			12																		
STATE TOTAL			18																		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
<b>OHIO</b>			
CINCINNATI UNIVERSITY OF CINCINNATI	WOOD, THOMAS G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01349-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		
 CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
CA00334-01	AMACHER, DAVID E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA03123-01	FORSYTH, DAVID A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00458-01	OLSON, BETTY W	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01168-01	ROEBUCK, BILL D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS03012-01	STUESSE, SHERRY L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM00054-01	WALLER, ROBERT L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	6		
CITY TOTAL	6		
 COLUMBUS			
OHIO STATE UNIVERSITY			
HL03232-01	KRAMER, JAMES D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01763-01	LAUFMAN, LESLIE	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00776-01	O'DORISIO, THOMAS M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA00549-01	OLSON, HARRY M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
HL02630-01	STRAUCH, MARK S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	5		
CITY TOTAL	5		
STATE TOTAL	12		
 OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
CA01319-01	JENSEN, DAVID E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02462-01	TRAMMELL, GARY L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	2		
CITY TOTAL	2		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
OREGON EUGENE OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON CA003254-01 NS00751-01	MANSY, SAMIR A MARDER, EVE E.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL	2		
CITY TOTAL	2		
PORITLAND OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON MEDICAL SCHOOL	BAKER, DIANE R ROGGE, JANET L SHERTON, CORINNE C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	7		
PENNSYLVANIA HERSHEY	PENNNSYLVANIA STATE UNIVERSITY MILTON S. HERSEY MEDICAL CENTER	INDIVIDUAL RESEARCH FELLOWSHIP	
PENNNSYLVANIA STATE UNIVERSITY MILTON S. HERSEY MEDICAL CENTER NS00459-01 AM02827-01	HASPEL, MARTIN V SAMPSON, ERIC J	INDIVIDUAL RESEARCH FELLOWSHIP INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL	2		
CITY TOTAL	2		
PHILADELPHIA INSTITUTE FOR CANCER RESEARCH	FRANKLIN, SAMUEL G STROVER, MICHAEL A	INDIVIDUAL RESEARCH FELLOWSHIP INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL	2		
LANKENAU HOSPITAL CA00633-01	BLOOM, JOHN C	INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
MEDICAL COLLEGE OF PENNSYLVANIA NS02356-01	FERTEL, RICHARD H	INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
PENNSYLVANIA PHILADELPHIA TEMPLE UNIVERSITY DE01174-01 NS02339-01	MATTINGLY, STEPHEN J OLTMAN, GARY A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL	2		
UNIVERSITY OF PENNSYLVANIA AM01378-01 HL02730-01 CA03150-01 NS02205-01 CA00992-01 AM0004-01 DE02690-01 CA01061-01 NS00220-01 AM00570-01 DE00976-01 CA02336-01 DE01846-01	BAUER, RAYMOND F, JR BENNETT, JOEL S GUERRY, DUPONT, IV JACOBS, WILLIAM W, JR JONAK, ZDENKA, L KIRKLAND, REBECCA G LALLY, EDWARD T LEWIS, FLORENCE LINDSEY, BRUCE G RUSSELL, MARIE O STUCHELL, ROBERT N THAYER, WILLIAM S TSAI, CHI-CHEUNG	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22
INSTITUTION TOTAL	13		
WILLS EYE HOSPITAL EY55013-01	ARENSEN, JUAN	PATHOLOGY	F03
INSTITUTION TOTAL	1		
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY CA01792-01 CA01665-01 CA01463-01 NS03415-01	ADEN, DAVID P HOWE, CHIN C MADORE, H PAUL TACHOVSKY, THOMAS G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22 F22
INSTITUTION TOTAL CITY TOTAL	4 24		
PITTSBURGH UNIVERSITY OF PITTSBURGH DE01284-01 AM01870-01 CA00254-01	CROUT, RICHARD J HUELMANTEL, ALAN B JOYCE, ROBERT A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH NS02873-01	YUNGER, LIBBY M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	4		
CITY TOTAL	4		
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY AM00880-01	GAY, CAROL V	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	31		
RHODE ISLAND PROVIDENCE BROWN UNIVERSITY NS00143-01	MILLER, JOANNE L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
SOUTH CAROLINA CLEMSON CLEMSON UNIVERSITY DE01573-01	BEARDEN, LARRY J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TENNESSEE KNOXVILLE UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE CA00678-01	MUNCHAUSEN, LINDA L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		

NIH  
RESEARCH FELLOWSHIP AWARDS

PROGRAM

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST				
			CITY TOTAL	1		
<b>TENNESSEE</b>						
MEMPHIS						
ST. JUDE CHILDREN'S RESEARCH HOSPITAL						
CA02704-01	DAHL, GARY V	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
CA01620-01	DAVIS, PARMA C., JR	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
AM02709-01	KING, LLOYD E., JR	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
CA02664-01	THOMPSON, ELIZABETH I	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP		
INSTITUTION TOTAL	4		CITY TOTAL	4		
NASHVILLE						
VANDERBILT UNIVERSITY	CARPENTER, GRAHAM F	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
AM01176-01	CHAN, TIMOTHY M	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
AM02511-01	KEELY, STANLEY L., JR	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
HL00033-01	STARKEY, RALPH H	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP		
AM01133-01						
INSTITUTION TOTAL	4		CITY TOTAL	4		
OAK RIDGE						
OAK RIDGE ASSOCIATED UNIVERSITIES	GRiffin, Guy D	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
CA01755-01	QUARLES, JOHN M., JR	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
CA00157-01	SKOU, CLARE B	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP		
CA00875-01						
INSTITUTION TOTAL	3		CITY TOTAL	3		
STATE TOTAL	12					
<b>TEXAS</b>						
AUSTIN						
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
NSC0442-01	GORDON, WILLIAM H., III	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP	F22	F22
NSQ2012-01	LITTLE, EDWARD E	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP		
CA00729-01	TANAKA, WESLEY K	INDIVIDUAL RESEARCH FELLOWSHIP	POSTDOCTORAL	INDIVIDUAL RESEARCH FELLOWSHIP		
INSTITUTION TOTAL	3		CITY TOTAL	3		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
TEXAS DALLAS CALLIER CENTER FOR COMMUNICATION DISORDERS NS02098-01	DALY, DAVID M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		
CITY TOTAL	1		
HOUSTON BAYLOR COLLEGE OF MEDICINE CA01935-01	BORDELON, MARY E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM02117-01	DABNEY, BETTY J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
NS02677-01	MARTIN, JAMES L, III	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02742-01	MC CORMACK, SHIRLEY A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	4		
RICE UNIVERSITY NS03174-01 CA00787-01	PARISH, EDWARD J SHOWALTER, HOWARD D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL	2		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON DE00669-01	BOYAN, BARBARA D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01482-01	CLEMENT-CORMIER, YVONNE C	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02140-01	KIRKLAND, WILLIS L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM01632-01	ORTIZ, RICHARD A	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA02047-01	PLEDGER, WARREN J	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
AM00411-01	SANDER, LINDA D	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
HL00286-01	SANDERS, ROBERT B	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	7		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER CA01477-01	BEUWINEK, JOHN M	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01627-01	DAITA, RATNA	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01377-01	HAYS, JAMES E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01981-01	LAKE, FRANK G, III	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01376-01	RENTSCHLER, ROBERT E	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
CA01980-01	SPANOS, WILLIAM J, JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	6		
CITY TOTAL	19		
STATE TOTAL	23		

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
UTAH SALT LAKE CITY UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH DE00114-01 CA02466-01	MALMQVIST, JAY P SCHRAM, KARL H	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL CITY TOTAL	2		
STATE TOTAL	2		
VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE NS01753-01	MULIERI, BERTHANN S	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	1		
STATE TOTAL	1		
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA AM01383-01 CA00565-01 HL03122-01 NS02502-01 HL03179-01 CA02060-01 AM02294-01 NS02159-01 CA02888-01 NS02558-01 NS03392-01	AUGUSTINE, EDWARD C CAVE, WILLIAM T, JR FORBES, MICHAEL S HALL, THOMAS B, III HERLIHY, JEREMIAH T HOWIE, GARY A KENLEY, JANE A MANN, JOHN D SUNSHINE, WARREN L SWITZER, ROBERT C WATKINS, DAVID W, III	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22 F22 F22 F22 F22 F22 F22 F22
INSTITUTION TOTAL CITY TOTAL	11		
STATE TOTAL	11		
WASHINGTON PULLMAN WASHINGTON STATE UNIVERSITY RR01302-01	BELL, THOMAS G	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22

**RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
WASHINGTON PULLMAN	WASHINGTON STATE UNIVERSITY	JONES, BRENT D KNUDSON, MARK B NOEL, JAN C NORTON, STEVEN SEMBROWICH, WALTER L	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP P PA THODOCORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP P
CA03216-01			F22
RR01564-01			F22
RR04072-01			F22
NS0154-01			F22
HL02812-01			F22

SEATTLE	UNIVERSITY OF WASHINGTON	AGODDA, LAWRENCE Y	RESEARCH FELLOWSHIP
	AM00101-01	BENSON, JAMES W., JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	AM00400-01	BIRD, THOMAS D.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	NS01561-01	BURKE, JANICE M.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	HL00929-01	CERF, FLORENCE A.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	NS02719-01	CHENEY, PAUL D.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	NS00966-01	CA03116-01	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	FENSKE, STEPHEN K.	FENSKE, JANE D.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	AM01468-01	FRIEDMAN, JAN M.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	CA03128-01	LINKHART, THOMAS A.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	NS00825-01	NIJHOUT, HERMAN F.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	AM01515-01	PALMER, JERRY P.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	AM01342-01	PARTRIDGE, LLOYD D., JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	AM00349-01	PROTELL, ROBERT L.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	AM00608-01	SPARKS, DAVID W.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	NS03205-01	SUNDSMO, JOHN S.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	CA01251-01	WATKIN, KENNETH L.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	NS02853-01	WILLIAMS, BETTY L.	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP
	DE01921-01		POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP

INSTITUTION TOTAL	18
CITY TOTAL	18
STATE TOTAL	26

WISCONSIN  
MADISON  
UNIVERSITY  
CA 02382-01

INSTITUTION TOTAL

UNIVERSITY SYSTEM OF WISCONSIN CENTERS  
REGULAR SESSION, 1933-34  
DEPARTMENT OF EDUCATION

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
WISCONSIN MADISON NS02314-01 CA00576-01 DE01524-01 NS02022-01 AM03129-01 CA02804-01 NS00174-01 NS00187-01 CA03008-01 CA00586-01 NS01681-01 CA00318-01	ATENCIO, FRANK W BOOTH, BRUCE W BOOTH, SANDRA N DICKSON, JOHN W FROLIK, CHARLES A JENDRISAK, JEROME J JUAN, DAVID KALIL, KATHERINE KELLY, PAUL T MOSSER, ANNE S MUFSON, ROBERT A RUBOW, RICK T SHIH, CHUN-NAN	INDIVIDUAL RESEARCH FELLOWSHIP INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22 F22
INSTITUTION TOTAL CITY TOTAL	13 14		
MILWAUKEE MEDICAL COLLEGE OF WISCONSIN CA01400-01 AM02780-01	ANTHOLINE, WILLIAM E MAUK, MARCIA A	INDIVIDUAL RESEARCH FELLOWSHIP INDIVIDUAL RESEARCH FELLOWSHIP	F22 F22
INSTITUTION TOTAL CITY TOTAL	2 2		
STATE TOTAL	16		
AUSTRALIA MELBOURNE ROYAL MELBOURNE HOSPITAL CA00020-01	BARG, MICHELE E	INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	1		
ISRAEL REHOVOTH WEIZMANN INSTITUTE OF SCIENCE CA01245-01	DAVID, ANSHEL E	INDIVIDUAL RESEARCH FELLOWSHIP	F22

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
I ISRAEL REHOVOTH WEIZMANN INSTITUTE OF SCIENCE CA01509-01	HOFFMAN, BARBARA	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	2		
STATE TOTAL	2		
JAPAN KYOTO KYOTO UNIVERSITY GM57203-01	HAMILTON, GORDON A	BIOCHEMISTRY	F03
INSTITUTION TOTAL CITY TOTAL	1		
STATE TOTAL	1		
NETHERLANDS SOESTERBERG NETHERLANDS CENTRAL ORGANIZATION TWO NS02372-01	SHANNON, ROBERT V	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	1		
STATE TOTAL	1		
SWEDEN GOTHENBURG GOTHENBURG UNIVERSITY NS02592-01	WOILER, CHARLES T	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL CITY TOTAL	1		
LUND UNIVERSITY OF LUND CA00066-01	STEELE, GLENN D. JR	POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP	F22
INSTITUTION TOTAL	1		

NIH  
RESEARCH FELLOWSHIP AWARDS

PAGE 104

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER

CITY TOTAL

1

SWEDEN  
STOCKHOLM  
CAROLINE INSTITUTE  
NS03049-01

BRUCE, EUGENE N

INSTITUTION TOTAL  
CITY TOTAL

1

UPPSALA  
UNIVERSITY OF UPPSALA  
EY55678-01 KAUFMAN, PAUL L  
CAQ2355-01 KIMURA, ARTHUR K

INSTITUTION TOTAL  
CITY TOTAL

2

STATE TOTAL  
CITY TOTAL

5

SWITZERLAND  
BASEL  
UNIVERSITY OF BASEL  
CAQ00879-01 SAYARE, MITCHEL B

INSTITUTION TOTAL  
CITY TOTAL

1

INSTITUTION TOTAL  
CITY TOTAL

1

GENEVA  
UNIVERSITY OF GENEVA  
AM01871-01 CAMPFIELD, LEROY A

INSTITUTION TOTAL  
CITY TOTAL

1

LAUSANNE  
SWISS INSTITUTE FOR EXPERIMENTAL CANCER RESEARCH  
CAQ0122-01 GALLIS, BYRON M

INSTITUTION TOTAL  
CITY TOTAL

1

1

POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP

POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP

POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP

POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP

F03

F22

F03

F22

F03

F22

**NIH  
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
SWITZERLAND			
ZURICH			
UNIVERSITY OF ZURICH	CASHION, LINDA M		
CA00862-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	4		
UNITED KINGDOM			
CAMBRIDGE			
UNIVERSITY OF CAMBRIDGE	HINGERTY, BRIAN E		
CA02210-01	KRAUSKOPF, JCHN		
EY57189-01			
INSTITUTION TOTAL	2		
CITY TOTAL	2		
GLASGOW			
UNIVERSITY OF GLASGOW	FITZMAURICE, LEONA C		
CA03121-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LONDON			
IMPERIAL CANCER RESEARCH FUND			
CA001760-01	RICHARD C CONDIT,		
CA01198-01	LOIS K MILLER,		
CA02722-01	OZANNE*, BRADFORD W		
CA00739-01	ROSENBERG, RALPH A		
INSTITUTION TOTAL	4		
UNIVERSITY OF LONDON	RICHARD L, JR		
CA02083-01	NELSON*, DONALD M		
CA02152-01	SILVER*		
INSTITUTION TOTAL	2		
CITY TOTAL	6		

NIH  
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLCW  
UNITED KINGDOM  
OXFORD  
UNIVERSITY OF OXFORD  
CA03264-01

MONIE, HERBERT J  
INSTITUTION TOTAL 1  
CITY TOTAL 1

STATE TOTAL 10  
TOTAL 628

POSTDOCTORAL INDIVIDUAL RESEARCH FELLOWSHIP

F22

NIH  
RESEARCH CAREER PROGRAM AWARDS

PAGE 107

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
CALIFORNIA LA JOLLA SCRIPPS CLINIC AND RESEARCH FOUNDATION AM70551-01	KRAHENBUHL, JAMES L	STRUCTURAL BASIS OF HEMOPGIESIS	K04
INSTITUTION TOTAL CITY TOTAL	1		
PALO ALTO PALO ALTO MEDICAL RESEARCH FOUNDATION AI70931-01		CELLULAR IMMUNITY TO OPPORTUNISTIC PATHOGENS AND TUMORS	K04
INSTITUTION TOTAL CITY TOTAL	1		
STATE TOTAL	2		
ILLINOIS CHICAGO NORTHWESTERN UNIVERSITY AM70787-01	ANDERSON, BYRON E	STUDY OF RHEUMATOID ARTHRITIS; GLYCOPROTEIN ANTIGENS	K04
INSTITUTION TOTAL CITY TOTAL	1		
STATE TOTAL	1		
IOWA IOWA CITY UNIVERSITY OF IOWA HL70825-01	RHODES, MITCHELL L	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL CITY TOTAL	1		
STATE TOTAL	1		
LOUISIANA NEW ORLEANS LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS AM70349-01A1	LOPEZ-S, ALFREDO	ACADEMIC CAREER DEVELOPMENT AWARD IN NUTRITION	K07
INSTITUTION TOTAL	1		

NIH  
RESEARCH CAREER PROGRAM AWARDS

		AREA OF TRAINING	
GRANT NUMBER	AWARDEE	CITY TOTAL	STATE TOTAL
BOSTON NEW ENGLAND MEDICAL CENTER HOSPITAL AI70968-01	AGNELLO, VINCENT		
INSTITUTION TOTAL CITY TOTAL	1	1	
STATE TOTAL	1		
 MASSACHUSETTS			
STUDIES ON HUMAN IMMUNE COMPLEX DISEASES			
KJ4			
 MICHIGAN			
ANN ARBOR UNIVERSITY OF MICHIGAN NIEDERHUBER, JOHN E			
T-CELL, B-CELL DIFFERENTIATION & COOPERATION			
KO4			
INSTITUTION TOTAL CITY TOTAL	1	1	
STATE TOTAL	1		
 NEW YORK			
COLD SPRING HARBOR LABORATORY OF QUANTITATIVE BIOLOGY			
CA33222-01 POLLACK, ROBERT E			
PERSISTENCE OF ONCOGENIC VIRUS IN REVERTANT CELLS			
KO4			
INSTITUTION TOTAL CITY TOTAL	1	1	
STATE TOTAL	1		
 NEW YORK			
NEW YORK UNIVERSITY AM49358-01AI			
FREEDMAN, MICHAEL L			
TRANSLATIONAL CONTROL OF HUMAN HEMOGLOBIN SYNTHESIS			
KO4			
INSTITUTION TOTAL CITY TOTAL	1	1	
STATE TOTAL	2		

RESEARCH CAREER PROGRAM AWARDS  
NIH

## PROGRAM

## AREA OF TRAINING

## GRANT NUMBER

VIRGINIA  
BLACKSBURG  
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY  
EST0231-01

AWARDEE

INSTITUTE TOTAL  
CITY TOTAL  
STATE TOTAL

1  
1  
1

WASHINGTON  
SEATTLE

UNIVERSITY OF WASHINGTON  
AM70727-01  
AM70637-01

JOHNSON, DAVID G  
QUADRACCI, LEONARD J

INSTITUTION TOTAL  
CITY TOTAL  
STATE TOTAL

TOTAL  
12

THE REGULATION OF INSULIN RELEASE  
IMMUNOLOGIC RENAL DISEASE AND TRANSPLANTATION

KU4  
KO4

F. JILLIAN,  
AWARD

3,581,092

NIH  
CONSTRUCTION GRANTS

## TITLE OF PROPOSAL

## AUTHORIZING OFFICIAL

GRANT NUMBER

CONNECTICUT  
NEW HAVEN  
YALE UNIVERSITY  
CA16360-01A1

BERTINO, JOSEPH

INSTITUTION TOTAL	1
CITY TOTAL	1
STATE TOTAL	1
TOTAL	1

	3,581,092
	3,581,092

	3,581,092
	3,581,092

REMODELING NEW CANCER FACILITY



NIH  
MEDICAL LIBRARY GRANTS

## GRANT NUMBER

## PRINCIPAL INVESTIGATOR

OHIO  
 CINCINNATI  
 BETHESDA HOSPITAL AND DEACONESS ASSOCIATION--BETHESDA HOSPITAL  
 LMO1990-01 NEUMANN, ALICE  
 MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT  
 3,907

INSTITUTION TOTAL	2
CITY TOTAL	2

INSTITUTION TOTAL	6,000
CITY TOTAL	6,000

ZANESVILLE  
 BETHESDA HOSPITAL  
 LMO2226-01

VAN GIESON, WILLIAM R

MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT  
 2,117

INSTITUTION TOTAL	1
CITY TOTAL	1

STATE TOTAL	3
-------------	---

OKLAHOMA  
 NORMAN  
 NORMAN MUNICIPAL HOSPITAL  
 LMC2313-01

LEHR, KAREN

MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT  
 2,107

INSTITUTION TOTAL	1
CITY TOTAL	1

STATE TOTAL	1
-------------	---

TEXAS  
 TYLER  
 TEXAS STATE DEPARTMENT OF HEALTH--EAST TEXAS CHEST HOSPITAL  
 LMO2195-01

NASH, DONALD R

MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT  
 3,875

INSTITUTION TOTAL	1
CITY TOTAL	1

STATE TOTAL	1
-------------	---

WISCONSIN  
 ELKHORN  
 LAKELAND COUNSELING CENTER OF WALWORTH COUNTY  
 LMO2057-01

GLEASON, WALTER J

MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT  
 2,875

INSTITUTION TOTAL	1
-------------------	---

NIH  
MEDICAL LIBRARY GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
CITY TOTAL	1	2,875
STATE TOTAL	1	2,875
TOTAL	10	161,393









<http://nihlibrary.nih.gov>

---

10 Center Drive  
Bethesda, MD 20892-1150  
301-496-1080



NIH LIBRARY



3 1496 00178 9984